

Table 9.1 Scientific, artistic, and expert qualifications of the lecturer and their teaching duties

Last name, middle letter, first name			Andrejević-Stošović V. Miona		
Title			Full professor		
The name of the institution in which the lecturer works full or part time and since when			University of Niš, Faculty of Electronic Engineering		
Specific scientific field			Electronics		
Academic career					
	Year	Institution	Scientific field	Specific scientific field	
Election	2023	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Electronics	
PhD	2006	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Electronics	
Specialization					
Magister	2003	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Electronics	
Master					
Diploma	2000	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Electronics and Telecommunications	
List of courses the teacher is accredited to teach at the first or second cycle of studies.					
No.	Course code	Course name	Type of lectures	Study programme name	Type of studies
1	4OEE4O05	Analog Electronics	L, E	Electrical Engineering and Computer Science	BAS
2	4OEE5B02	Analog Integrated Circuits	L	Electrical Engineering and Computer Science	BAS
3	4OEE6O03	Electronics for Multimedia Systems	L, E	Electrical Engineering and Computer Science	BAS
4	4OEE6O07	Digital Integrated Circuits Design	L	Electrical Engineering and Computer Science	BAS
5	4OEM8A04	Integrated Circuits Design	L	Electrical Engineering and Computer Science	BAS
6	4OEE8O04	Functional Verification	L	Electrical Engineering and Computer Science	BAS
7	4MEE1A13	Hardware Modeling Languages	L	Electronics and Embedded Systems	MAS
8	4MEE1A12	Artificial Intelligence in Engineering	L	Electronics and Embedded Systems	MAS
9	4MEE2A04	Methodology in Verification	L	Electronics and Embedded Systems	MAS
10	4MEE2A09	Applications of Machine Learning in Electronic Circuit Design	L, E, OFE	Electronics and Embedded Systems	MAS
Representative references (at minimum 5, not more than 10)					
1	Miona Andrejević Stošović, Jaroslav Živanić, Vančo Litovski, Maximally flat filter functions with maximum number of transmission zeros having maximal multiplicity, IEEE Transactions on Circuits and Systems II: Express Briefs, Vol. 61, No. 10, October 2014, pp.778-782, ISSN 1549-7747, doi:10.1109/TCSII.2014.2345300.				
2	Dragan Topisirović, Vančo Litovski, and Miona Andrejević Stošović, Unified theory and state variable implementation of critical-monotonic all-pole filters, International Journal of Circuit Theory and Applications, Wiley, Vol. 43, Issue 4, 2015, pp. 502-515, ISSN: 0098-9886, https://doi.org/10.1002/cta.1956				
3	Miona Andrejević Stošović, Novak Radivojević, Malinka Ivanova, Electricity Consumption Prediction in an Electronic System Using Artificial Neural Networks. Electronics (Basel), MDPI, Vol. 11, Issue 21, 2022, ISSN 2079-9292. https://doi.org/10.3390/electronics11213506.				
4	Miona Andrejević Stošović, Novak Radivojević, Olivera Stojanović, Functional Verification, Edition: Basic Textbooks, University of Niš, Faculty of Electronics, Niš, 2023, ISBN 978-86-6125-265-5. (in Serbian)				
5	Miona Andrejević Stošović, Srđan Đorđević, Predrag Petković, Practicum of laboratory exercises in analog electronics and analog electronic circuits, University of Niš, Faculty of Electronics, Edition: Auxiliary Textbooks, 2018, ISBN 978-86-6125-201-3. (in Serbian)				
6	Predrag Petković, Miona Andrejević Stošović, Miljana Milić, Dejan Mirković, Practicum of laboratory exercises in the subjects Design of electronic circuits and Design of digital integrated circuits, University of Niš, Faculty of Electronics, Edition: Auxiliary textbooks, 2010, ISBN 978-86-6125-019-4. (in Serbian)				
7	Malinka Ivanova, Anna Rozeva, Angel Ninov, Miona Andrejević Stošović, Reinforcement Learning at Design of Electronic Circuits: Review and Analysis. Proceedings of the 2022 5th Artificial Intelligence and Cloud Computing Conference (AICCC '22). Association for Computing Machinery, New York, NY, USA, December 2022, pp. 275–284. https://doi.org/10.1145/3582099.3582140.				
8	Milica Marković, Novak Radivojević, Miona Andrejević Stošović, Jelena Marković Branković, Srdjan Živković, High embankment dam stability analysis using artificial neural networks, Tehnički vjesnik/Technical Gazette (TV/TG), Print: ISSN 1330-3651, Online: ISSN 1848-6339, Vol. 29/No. 5, 2022, pp. 1733-1740, https://doi.org/10.17559/TV-20211011140249.				
9	Dejan Stevanović, Miona Andrejević Stošović, Milan Savić, Single-Load Power Monitoring System, Proc. of 15th International Online Conference on Applied Electromagnetics - IIEC 2021, August 30 – September 01, 2021, Niš, Serbia, pp. 70-73				

10	Marko Dimitrijević, Miona Andrejević Stošović, Vančo Litovski, An MPPT controller model for a standalone PV system, International Journal of Electronics, Vol. 107, Issue 8, Taylor & Francis, UK, February 2020, pp. 1345-1363, ISSN 1362-3060, doi:10.1080/00207217.2020.1726492.		
Cumulative data of scientific, that is artistic and expert activity on the part of the lecturer			
Total number of citations	226	Number of domestic projects at which the lecturer currently participates	1
Total number of papers on the SCI (SSCI) list	20	Number of international projects at which the lecturer currently participates	0
Specializations			
Technische Universität Ilmenau, Germany, 2002., Universidad Politécnica de Madrid, Spain, 2013.			
Other data considered relevant			

Table 9.1 Scientific, artistic, and expert qualifications of the lecturer and their teaching duties

Last name, middle letter, first name			Cvetković S. Stevica		
Title			Assistant professor		
The name of the institution in which the lecturer works full or part time and since when			University of Nis, Faculty of Electronic Engineering		
Specific scientific field			Electronics		
Academic career					
	Year	Institution	Scientific field	Specific scientific field	
Election	2021	University of Nis, Faculty of Electronic Engineering	Electrical and Computer Engineering	Electronics	
PhD	2018	University of Nis, Faculty of Electronic Engineering	Electrical and Computer Engineering	Electronics	
Specialization					
Magister					
Master					
Diploma	2007	University of Nis, Faculty of Electronic Engineering	Electrical and Computer Engineering	Computing and Informatics	
List of courses the teacher is accredited to teach at the first or second cycle of studies.					
No.	Course code	Course name	Type of lectures	Study programme name	Type of studies
1	4OEE6O04	Web Technologies	L	Electrical Engineering and Computer Science	BAS
2	4OEE8O02	Virtual Reality	L	Electrical Engineering and Computer Science	BAS
3	4OEE5O03	Digital Image Processing	L, E, OFE	Electrical Engineering and Computer Science	BAS
4	4OEE4O03	Multimedia Systems	E, OFE	Electrical Engineering and Computer Science	BAS
5	4OEE7O01	Game Development	L, E	Electrical Engineering and Computer Science	BAS
6	4OEE5A01	Software Engineering in Electronics	L	Electrical Engineering and Computer Science	BAS
7	4OEE6O05	Photography and Graphic Design	E, OFE	Electrical Engineering and Computer Science	BAS
8	4MEE1A12	Artificial Intelligence in Engineering	L	Electronics and Embedded Systems	MAS
9	4MUA1B06	Digital Image Processing	L, E, OFE	Control Systems	MAS
10	4MEE2A02	Video Signals Processing	L, OFE	Electronics and Embedded Systems	MAS
Representative references (at minimum 5, not more than 10)					
1	Stevica Cvetkovic, Sandra Stankovic, Sasa V. Nikolic, "BioEdgeNet: A compact deep residual network for stress recognition on edge devices," Biomedical Signal Processing and Control, Elsevier, vol. 102, 107361, 2025, ISSN 1746-8094, https://doi.org/10.1016/j.bspc.2024.107361 (M21)				
2	Stevica Cvetković, Milan Zdravković, Marko Ignjatović, "Exploring district heating systems: A SCADA dataset for enhanced explainability," Data in Brief, Elsevier, vol. 59, 111320, 2025. (M23)				
3	Stevica Cvetkovic, Nemanja Savic, Ivan Ciric, "Deep Transfer Learning Approach for Robust Hand Detection," Intelligent Automation and Soft Computing, vol. 36, no. 1, pp. 967-979, 2023. (M22)				
4	Goran Stančić, Ivan Krstić, Stevica Cvetković, "All-pass-based design of nearly-linear phase IIR low-pass differentiators", International Journal of Electronics, vol. 107, no. 9, pp. 1451-1470, 2020. https://doi.org/10.1080/00207217.2020.1726498 (M23)				
5	Goran Stančić, Miloš Đurić, Bojan Jovanović, Stevica Cvetković, "A complexity analysis of IIR filters with an approximately linear phase," Radioengineering, vol. 28, no. 2, June 2019, pp. 430-438, ISSN 1805-9600, https://dx.doi.org/10.13164/re.2019.0430 (M23)				
6	Stevica Cvetković, Miloš B. Stojanović, Saša V. Nikolić, "Hierarchical ELM ensembles for visual descriptor fusion," Information Fusion, Elsevier, vol. 41, May 2018, pp. 16-24, ISSN 1566-2535, http://dx.doi.org/10.1016/j.inffus.2017.07.003 (M21a)				
7	Saša V. Nikolić, Goran Z. Stančić, Stevica Cvetković, "Design of nearly linear phase double notch digital filters with close notch frequencies," IET Signal Processing, vol. 12, issue 9, pp. 1107 –1114, December 2018, ISSN 1751-9675, http://dx.doi.org/10.1049/iet-spr.2018.5090 , (M22)				
8	Danilo Djordjevic, Stevica Cvetković, Saša V. Nikolić, "An accurate method for 3D object reconstruction from unordered sparse views" Signal, Image and Video Processing, Springer, vol. 11, issue 6, pp. 1147-1154, September 2017, http://dx.doi.org/10.1007/s11760-017-1069-8 (PDF), (M22)				
9	Stevica Cvetković, Miloš B. Stojanović, Saša V. Nikolić, "Multi-channel descriptors and ensemble of Extreme Learning Machines for classification of remote sensing images," Signal Processing: Image Communication, Elsevier, vol. 39, pp.111-120, November 2015. ISSN 0923-5965, http://dx.doi.org/10.1016/j.image.2015.09.004 (M22)				
Cumulative data of scientific, that is artistic and expert activity on the part of the lecturer					
Total number of citations		59	Number of domestic projects at which the lecturer currently participates		2

Total number of papers on the SCI (SSCI) list	9	Number of international projects at which the lecturer currently participates	1
Specializations			
2019 - expert visit to Malardalen University in Västerås (Sweden), within the Erasmus+ mobility program			
2012 - 2016: several research stays at the Technical University of Munich (Germany)			
Other data considered relevant			

Table 9.1 Scientific, artistic, and expert qualifications of the lecturer and their teaching duties

Last name, middle letter, first name			Davidović S. Vojkan		
Title			Assistant professor		
The name of the institution in which the lecturer works full or part time and since when			University of Niš, Faculty of Electronic Engineering		
Specific scientific field			Microelectronics and Microsystems		
Academic career					
	Year	Institution	Scientific field	Specific scientific field	
Election	2024	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Microelectronics and Microsystems	
PhD	2010	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Microelectronics	
Specialization					
Magister	1996	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Microelectronics	
Master					
Diploma	1990	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Microelectronics	
List of courses the teacher is accredited to teach at the first or second cycle of studies.					
No.	Course code	Course name	Type of lectures	Study programme name	Type of studies
1	4OEM5O03	Characterization of Electronic Devices	L, E	Electrical Engineering and Computer Science	BAS
2	4OEM6A01	Reliability of Microelectronic Devices	L, E	Electrical Engineering and Computer Science	BAS
3	4OEM8B01	Technical Documentation	L, OFE	Electrical Engineering and Computer Science	BAS
4	4MEE1A18	Nanoelectronics	L, E	Electronics and Embedded Systems	MAS
Representative references (at minimum 5, not more than 10)					
1	Nikola Mitrović, Sandra Veljković, Vojkan Davidović, Snežana Djorić-Veljković, Snežana Golubović, Emilijan Živanović, Zoran Prijić, Danijel Danković, “Impact of negative bias temperture instability on p-channel power VDMOSFET used in practical applications”, Microelectronics Reliability, Vol. 138(9), Article number 114634, pp. 114634-1-114634-5 (November 2022) ISSN: 00262714, DOI: 10.1016/j.microrel.2022.114634,				
2	Sandra Veljković, Nikola Mitrović, Vojkan Davidović, Snežana Golubović, Snežana Djorić-Veljković, Albena Paskaleva, Dencho Spassov, Srboljub Stanković, Marko Andjelković, Zoran Prijić, Ivica Manić, Aneta Prijić, Goran Ristić, Danijel Danković, “Response of Commercial p-Channel Power VDMOS Transistors to Irradiation and Bias Temperature Stress ”, Journal of Circuits, Systems and Computers, 31(18) (April 2022), Open Access, Vol. 31(18), Article number 2240003, pp. 2240003-1-25 (2022) DOI: 10.1142/S0218126622400035,				
3	Danijel Danković, Vojkan Davidović, Snežana Golubović, Sandra Veljković, Nikola Mitrović, Snežana Djorić-Veljković, “Radiation and annealing related effects in NBT stressed P-channel power VDMOSFETs”, Microelectronics Reliability, Vol. 126(8):114273 (October 2021), pp. 114273-1- 114273-5 ISSN: 0026-2714, https://www.sciencedirect.com/science/article/abs/pii/S0026271421002390 DOI: 10.1016/j.microrel.2021.114273,				
4	Dencho Spassov, Albena Paskaleva, Elzbieta Guziewicz, Vojkan Davidović, Srboljub Stanković, Snežana Djorić-Veljković, Tzvetan Ivanov, Todor Stanchev and Ninoslav Stojadinović, “Radiation Tolerance and Charge-Trapping Enhancement of ALD HfO2/Al2O3 Nanolaminated Dielectrics”, MDPI Materials, 14(4):849 (February 2021), ISSN: 1996-1944, DOI: 10.3390/ma14040849, https://doi.org/10.3390/ma14040849 ,				
5	Vojkan Davidović, Danijel Danković, Snežana Golubović, Snežana Djorić-Veljković, Ivica Manić, Zoran Prijić, Aneta Prijić, Ninoslav Stojadinović, Srboljub Stanković, “NBT stress and radiation related degradation and underlying mechanisms in power VDMOSFETs”, Facta Universitatis, Series: Electronics and Energetics, Vol. 31, pp. 367-388 (2018), ISSN 0353-3670 (Print) 2217-5997 (Online), https://doi.org/10.2298/FUEE1803367D (invited paper)				
6	Vojkan Davidović, Danijel Danković, Aleksandar Ilić, Ivica Manić, Snežana Golubović, Snežana Djorić-Veljković, Zoran Prijić, Aneta Prijić, and Ninoslav Stojadinović, “Effects of consecutive irradiation and bias temperature stress in p-channel power vertical double-diffused metal oxide semiconductor transistors”, Japanese Journal of Applied Physics, Vol. 57, p 044101 (10pp) (2018), https://doi.org/10.7567/JJAP.57.044101				
7	Ninoslav Stojadinović, Snežana Djorić-Veljković, Vojkan Davidović, Snežana Golubović, Srboljub Stanković, Aneta Prijić, Zoran Prijić, Ivica Manić, Danijel Danković, “ NBTI and irradiation related degradation mechanisms in power VDMOS transistors”, Microelectronics Reliability, vol. 88-90, pp. 135-141 (2018), ISSN 0026-2714, DOI: 10.1016/j.microrel.2018.07.138, https://www.sciencedirect.com/science/article/pii/S0026271418307224				

8	Danijel Danković, Ivica Manić, Aneta Prijić, Vojkan Davidović, Zoran Prijić, Snežana Golubović, Snežana Djorić-Veljković, Albena Paskaleva, Dencho Spasov, Ninoslav Stojadinović, “A review of pulsed NBTI in P-channel power VDMOSFETs”, Microelectronics Reliability, vol. 82, pp. 28-36 (2018), (invited paper) ISSN 0026-2714, DOI: 10.1016/j.microrel.2018.01.003, https://www.sciencedirect.com/science/article/pii/S0026271418300039		
9	Danijel Danković, Ivica Manić, Vojkan Davidović, Aneta Prijić, Miloš Marjanović, Aleksandar Ilić, Zoran Prijić, Ninoslav Stojadinović, “ On the recoverable and permanent components of NBTI in p-channel power VDMOSFETs”, IEEE Transactions on Device and Materials Reliability, vol. 16, no. 4, pp. 522-531 (2016), ISSN 1530-4388, DOI: 10.1109/TDMR.2016.2598557, http://ieeexplore.ieee.org/document/7536114/		
10	Vojkan Davidović, Danijel Danković, Aleksandar Ilić, Ivica Manić, Snežana Golubović, Snežana Djorić-Veljković, Zoran Prijić, Ninoslav Stojadinović, “NBT and irradiation effects in negative bias temperature instability in p-channel power VDMOSFET”, IEEE Transaction on Nuclear Science, Vol. 63, no. 2, pp. 1268-1275 (2016), ISSN 0018-9499, DOI: 10.1109/TNS.2016.2533866, http://ieeexplore.ieee.org/document/7454831/		
Cumulative data of scientific, that is artistic and expert activity on the part of the lecturer			
Total number of citations	389	Number of domestic projects at which the lecturer currently participates	1
Total number of papers on the SCI (SSCI) list	43	Number of international projects at which the lecturer currently participates	1
Specializations			
Proces and Device Modeling, Middlesex University, London, UK, 1992			
Other data considered relevant			
CHAPTER IN INTERNATIONAL MONOGRAPHY: D. Danković, I. Manić, S. Djorić-Veljković, V. Davidović, S. Golubović, and N. Stojadinović “Implications of Negative Bias Temperature Instability in Power MOS Transistors” in “Micro Electronic and Mechanical Systems”, ISBN 978-953-307-027-8, edited by Kenichi Takahata, IN-TECH Press, Boca Raton, pp. 19.319-19.342 (2009)			
NATIONAL MONOGRAPHY: Snežana Golubović, Snežana Djorić-Veljković, Ivica Manić, Vojkan Davidović, "Effects of Gate Oxide Stressing in Power VDMOS Transistors", University of Niš, Faculty of Electronic Engineering, 2006 (in Serbian)			

Table 9.1 Scientific, artistic, and expert qualifications of the lecturer and their teaching duties

Last name, middle letter, first name			Dimitrijević A. Marko		
Title			Associate professor		
The name of the institution in which the lecturer works full or part time and since when			University of Niš, Faculty of Electronic Engineering		
Specific scientific field			Electronics		
Academic career					
	Year	Institution	Scientific field	Specific scientific field	
Election	2021	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Electronics	
PhD	2012	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Electronics	
Specialization					
Magister	2005	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Electronics	
Master					
Diploma	2002	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Electronics and Telecommunications	
List of courses the teacher is accredited to teach at the first or second cycle of studies.					
No.	Course code	Course name	Type of lectures	Study programme name	Type of studies
1	4OEE6C02	Virtual Instruments	L, E, OFE	Electrical Engineering and Computer Science	BAS
2	4OEE3O01	Basics of Electronics	L	Electrical Engineering and Computer Science	BAS
3	4OEZ2O05	Introduction to Electronics	L	Electrical Engineering and Computer Science	BAS
4	4MEE1A04	Open Source Operating Systems	L, E, OFE	Electronics and Embedded Systems	MAS
5	4MEE2A03	System on Chip	L, OFE	Electronics and Embedded Systems	MAS
6	4MEE1A14	Open-source Hardware	L, OFE	Electronics and Embedded Systems	MAS
Representative references (at minimum 5, not more than 10)					
1	Milutin Petronijević, Ivana Radonjić, Marko Dimitrijević, Lana Pantić, Martin Čelesan: Performance Evaluation of Single-Stage Photovoltaic Inverters Under Soiling Conditions, Ain Shams Engineering Journal, Elsevier BV, January, 2024, Vol. 15, Issue 1, pp. 1-18, ISSN 2090-4479, https://doi.org/10.1016/j.asej.2023.102353				
2	Marko Dimitrijević, Milutin Petronijević, Dardan Klimenta: Evaluation of Photovoltaic Inverters According to Output Current Distortion in a Steady-State and Maximum Power Point Tracking, Applied Sciences, Section: Electrical, Electronics and Communications Engineering, Vol. 15, Issue 3, 23.01., 2025, pp. 1-16, ISSN: 2076-3417, https://doi.org/10.3390/app15031110				
3	Marko Dimitrijević, Milutin Petronijević: The System for Distributed Energy Resources Testing According to the IEEE 1547-2018 Standard, COMPEL: The International Journal for Computation and Mathematics in Electrical and Electronic Engineering, Vol. 42 No. 5, Emerald Publishing, August, 2023, pp. 1019-1036, ISSN 0332-1649, (IF2 1.0, IF5 0.7) https://doi.org/10.1108/COMPEL-01-2023-0023				
4	Miona Andrejević-Stošović, Ivan Litovski, Duško Lukač, Marko Dimitrijević, Vančo Litovski: Small Signal Model of a Solar Cell, Simulation: Transactions of the Society for Modeling and Simulation International, pp. 1231-1243, Sage Science Press, London, Vol. 90(11), July 2014, ISSN 0037-5497, https://doi.org/10.1177/0037549714551290				
5	Bojan Anđelković, Marko Dimitrijević, Miona Andrejević Stošović, Vančo Litovski: Parallelizing Electronic Circuit Simulation on Multicore Computer Cluster, Proceedings of the Small Systems Simulation Symposium 2010, Niš, 12.02.-14.02., 2010, pp. 71-74, ISBN 987-86-6125-006-4				
6	Bojan Anđelković, Marko Dimitrijević, Vančo Litovski: Using Grid Computing in Parallel Electronic Circuit Simulation, Proceedings of the Sixteenth International Scientific and Applied Science Conference - Electronics EL'2007, ISBN 1313-1842, Sozopol, Bulgaria, 19.09.-21.09., 2007, Book 4, pp. 109-114				
7	Marko Dimitrijević, Vančo Litovski: Computer Integrated Analogue Electronics Laboratory for Undergraduate Teaching, International Journal of Online Engineering, Kassel University Press, November, 2005, Vol. 1 No. 2 p. 1-4, ISSN 1861-2121				
8	Grigor Y. Zargaryan, Vahram K. Aharonyan, Nazeli V. Melikyan, Marko Dimitrijević: A New Approach of USB HW/SW Co-simulation and Verification, Zbornik LVII konferencije ETRAN, Zlatibor, 03.06.-06.06., 2013, EL1.8				
9	Marko Dimitrijević, Bojan Anđelković, Milan Savić, Vančo Litovski: Gridification and Parallelization of Electronic Circuit Simulator, Zbornik radova VI simpozijuma industrijska elektronika - INDEL 2006, ISBN 99938-793-7-1, Banja Luka, 10.11.-11.11., 2006, pp. 95-100				
10	Marko Cvetković, Milun Jevtić, Marko Dimitrijević: I2C Like Communication for the Power Meter IC, Proceedings of 24th International Conference Miel 2004, ISBN 0-7803-8166-1, Niš, 15.05.-19.05., 2004, Vol. 2 pp. 781-784, https://doi.org/10.1109/ICMEL.2004.1314950				
Cumulative data of scientific, that is artistic and expert activity on the part of the lecturer					
Total number of citations	47	Number of domestic projects at which the lecturer currently participates			0
Total number of papers on the SCI (SSCI) list	10	Number of international projects at which the lecturer currently participates			1
Specializations					

Technische Universität Ilmenau, Germany, 2004.-2005., IHP Microelectronics Frankfurt (Oder), Germany, 2006., School of Electronics and Computer Science, University of Southampton, United Kingdom, 2009. and Universidad Politécnica de Madrid, Spain, 2013.
Other data considered relevant

Table 9.1 Scientific, artistic, and expert qualifications of the lecturer and their teaching duties

Last name, middle letter, first name			Dinčić R. Milan		
Title			Associate professor		
The name of the institution in which the lecturer works full or part time and since when			University of Niš, Faculty of Electronic Engineering		
Specific scientific field			Metrology and Measuring Technique		
Academic career					
	Year	Institution	Scientific field	Specific scientific field	
Election	2023	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Metrology and Measuring Technique	
PhD	2012	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Telecommunications	
PhD	2017	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Metrology and Measuring Technique	
Specialization					
Magister					
Master					
Diploma	2007	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Telecommunications	
List of courses the teacher is accredited to teach at the first or second cycle of studies.					
No.	Course code	Course name	Type of lectures	Study programme name	Type of studies
1	4OEU6A01	Measurement of Non-electrical Quantities	L	Electrical Engineering and Computer Science	BAS
2	4OEK7B07	Computer Systems for Data Acquisition	L	Electrical Engineering and Computer Science	BAS
3	4OEP8A06	Sensors and Measurement of Non-Electrical Quantities in Industry	L	Electrical Engineering and Computer Science	BAS
4	4OEE7C04	Sensors and Measurement of Non-Electrical Quantities in Industry	L	Electrical Engineering and Computer Science	BAS
5	4OEU5A09	Sensors, Transducers and Actuators	L	Electrical Engineering and Computer Science	BAS
6	4MUR1B01	Electromedical Instrumentation	L	Control Systems	MAS
7	4MEE2A10	Measurement Systems in Industry 5.0	L	Electronics and Embedded Systems	MAS
8	4MKK1C02	Measurement Systems in Industry 5.0	L	Communications and Information Technologies	MAS
9	4MEK1A12	Measurement Systems in Industry 5.0	L	Electron Devices and Microsystems	MAS
10	4MRB2B04	Computer Based Sensor Systems	L, E	Computer Science and Informatics	MAS
11	4MUR1A01	Computer Systems for Measurement and Control	L	Control Systems	MAS
12	4MUR2A01	Modern Sensor Technologies and Systems	L	Control Systems	MAS
13	4MUA1B04	Sensors and Transducers in Vehicles	L	Control Systems	MAS
14	4MUR2B03	Telemedical measurement systems	L	Control Systems	MAS
Representative references (at minimum 5, not more than 10)					
1	Milan R. Dinčić, Zoran H. Perić, Dragan B. Denić, Bojan D. Denić, Sofija Z. Perić, "Simplified performance evaluation of floating-point formats for implementing intelligent measurement systems", Transactions of the Institute of Measurement and Control, 2025, M22, https://doi.org/10.1177/01423312251319575				
2	Milan R. Dinčić, Milica S. Stojanović, Goran S. Miljković, Dragan B. Denić, "Performance Analysis of Pseudorandom Absolute Position Encoder with Embedded Serial Pseudorandom/natural Code Converter", Facta Universitatis, Series: Electronics and Energetics, vol. 38, no. 1, pp. 109-126, 2025, M23, https://doi.org/10.2298/FUEE2501109D				
3	Zoran Perić, Bojan Denić, Milan Dinčić, Sofija Perić, "An Approximate Closed-Form Expression for Calculating Performance of Floating-Point Format for the Laplacian Source", Informatica, vol. 36, no. 1, pp. 125-140, 2025, M21a+, https://doi.org/10.15388/25-INFOR587				
4	Milan R. Dinčić, Goran S. Miljković, Milica S. Stojanović, Dragan B. Denić, "Improved implementation of serial pseudorandom/natural code converters used in absolute position encoders", Journal of Electrical Engineering, vol. 75, no. 5, pp. 418-424, 2024, M23, https://doi.org/10.2478/jee-2024-0050				
5	Milan R. Dinčić, Zoran H. Perić, Dragan B. Denić, Bojan D. Denić, "Optimization of the fixed-point representation of measurement data for intelligent measurement systems", Measurement vol. 217, 113037, 2023, M21a, https://doi.org/10.1016/j.measurement.2023.113037				
6	Zoran H. Perić, Milan R. Dinčić, "Optimization of the 24-Bit Fixed-Point Format for the Laplacian Source", Mathematics, vol. 11, no. 3, 568, 2023, M21a+, https://doi.org/10.3390/math11030568				
7	Jelena Nikolić, Danijela Aleksić, Zoran Perić, Milan R. Dinčić, "Iterative Algorithm for Parameterization of Two-Region Piecewise Uniform Quantizer for the Laplacian Source", Mathematics, vol. 9, no. 23, 3091, 2021, M21a+, https://doi.org/10.3390/math9233091				

8	Milan R. Dincic, Zoran H. Peric, Dragan B. Denic, "Uniform polar quantizer with three-stage hierarchical variable-length coding for measurement signals with Gaussian distribution", Measurement, vol 88, pp. 214-222, 2016, M21, https://doi.org/10.1016/j.measurement.2016.03.058		
9	Milan R. Dincic, Zoran H. Peric, Dragan B. Denic, "Linearization of the product polar quantizer for A/D conversion of measurement signals", Transactions of the Institute of Measurement and Control, vol. 36, no. 6, pp. 853-864, 2014, M22, https://doi.org/10.1177/0142331214521829		
10	Milan R. Dincic, Zoran H. Peric, Marko D. Petkovic, Dragan B. Denic, "Design of product polar quantizers for A/D conversion of measurement signals with Gaussian distribution", Measurement, vol. 46, no. 8, pp. 2441-2446, 2013, M21, https://doi.org/10.1016/j.measurement.2013.04.063		
Cumulative data of scientific, that is artistic and expert activity on the part of the lecturer			
Total number of citations	121	Number of domestic projects at which the lecturer currently participates	0
Total number of papers on the SCI (SSCI) list	36	Number of international projects at which the lecturer currently participates	2
Specializations			
Other data considered relevant			
Prof. Milan Dinčić received two Ph.D. degrees in two different areas (Telecommunications in 2012, and Metrology and Measuring Technique in 2017). He finished his master study with the highest average grade of 10 and was awarded as the best graduate student of the University of Niš. He is currently the Project Manager of the Horizon Twinning project “Twinning for Excellence in Adaptive Edge AI, AIDA4Edge” and the Local Coordinator of the Erasmus+ project “Personalized Education in Measurement Science and Technology Empowered by Machine Learning, PEMS-ML”.			

Table 9.1 Scientific, artistic, and expert qualifications of the lecturer and their teaching duties

Last name, middle letter, first name			Dorđević D. Srdan		
Title			Associate professor		
The name of the institution in which the lecturer works full or part time and since when			University of Niš, Faculty of Electronic Engineering		
Specific scientific field			Electronics		
Academic career					
	Year	Institution	Scientific field	Specific scientific field	
Election	2025	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Electronics	
PhD	2011	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Electronics	
Specialization					
Magister	2001	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Electronics	
Master					
Diploma	1994	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Electronics and Telecommunications	
List of courses the teacher is accredited to teach at the first or second cycle of studies.					
No.	Course code	Course name	Type of lectures	Study programme name	Type of studies
1	4OEE4O05	Analog Electronics	E, OFE	Electrical Engineering and Computer Science	BAS
2	4OEE5B02	Analog Integrated Circuits	L, E, OFE	Electrical Engineering and Computer Science	BAS
3	4OEP3A01	Basics of Electronics	L, E, OFE	Electrical Engineering and Computer Science	BAS
4	4OEE3O01	Basics of Electronics	E	Electrical Engineering and Computer Science	BAS
5	4MEE2A09	Applications of Machine Learning in Electronic Circuit Design	L, E, OFE	Electronics and Embedded Systems	MAS
Representative references (at minimum 5, not more than 10)					
1	Srdjan Djordjević, "Analog circuit sizing using local biasing", Analog Integrated Circuits and Signal Processing, Vol. 93, No. 2, pp. 299-308, 2017, doi:10.1007/s10470-017-10170				
2	Srdjan Djordjević, "Analog circuit diagnosis based on the nullor concept and multiport description of the circuit", Analog Integrated Circuits and Signal Processing, Vol. 95, No. 1, pp 141-149, 2018, doi:10.1007/s10470-018-1123-7				
3	Srdjan Djordjević, Miroljub Pešić "A Fault Verification Method Based on the Substitution Theorem and Voltage-Current Phase Relationship", Journal of Electronic Testing Theory and Applications, Vol. 36, No. 4, pp. 617-629, October 2020, doi:10.1007/s10836-020-05901-5				
4	Srdjan Djordjević, Predrag Petković, Vančo Litovski, „A new Topology Oriented Method for Symbolic Analysis of Electronic Circuits”, Journal of Circuits, Systems and Computers, Vol. 19, No. 8, pp. 1781-1795, 2010, ISSN: 0218-1266, doi:10.1142/S021812661000716X				
5	Vlastimir Pavlović, Srdjan Djordjević, „A novel structure of the fully differential CMOS amplifier with symmetric active load”, International Journal of Electronics, Vol. 96, no. 4, Apr. 2009, pp. 331-349, doi:10.1080/00207210802654422				
6	Srdjan DJordjević, "Analog Circuit Fault Diagnosis Based on Machine Learning Using Frequency Domain Features", 11th International Conference of Electrical, Electronic and Computing Engineering, IcETRAN, Niš, 3-6 June, 2024, doi:10.1109/IcETRAN62308.2024.10645120				
Cumulative data of scientific, that is artistic and expert activity on the part of the lecturer					
Total number of citations	42	Number of domestic projects at which the lecturer currently participates			1
Total number of papers on the SCI (SSCI) list	8	Number of international projects at which the lecturer currently participates			0
Specializations					
Other data considered relevant					

Table 9.1 Scientific, artistic, and expert qualifications of the lecturer and their teaching duties

Last name, middle letter, first name			Đorđević Lj. Goran		
Title			Full professor		
The name of the institution in which the lecturer works full or part time and since when			University of Niš, Faculty of Electronic Engineering		
Specific scientific field			Electronics		
Academic career					
	Year	Institution	Scientific field	Specific scientific field	
Election	2009	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Electronics	
PhD	1998	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Electronics	
Specialization					
Magister	1994	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Electronics	
Master					
Diploma	1989	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Computing and Informatics	
List of courses the teacher is accredited to teach at the first or second cycle of studies.					
No.	Course code	Course name	Type of lectures	Study programme name	Type of studies
1	4OEE5O06	Digital System Architecture	L	Electrical Engineering and Computer Science	BAS
2	4OEE8A01	Wireless Networks and Devices	L	Electrical Engineering and Computer Science	BAS
3	4OEE3O03	Digital Electronics	L	Electrical Engineering and Computer Science	BAS
4	4OEU4O01	Digital Electronics	L	Electrical Engineering and Computer Science	BAS
5	4OEE4O06	Electronic Circuits and Embedded systems	L	Electrical Engineering and Computer Science	BAS
6	4OEE7B01	Machine Learning in Embedded Systems	L	Electrical Engineering and Computer Science	BAS
7	4MEE1A16	Distributed Embedded Systems	L, OFE	Electronics and Embedded Systems	MAS
8	4MEE1A15	Digital System Design	L	Electronics and Embedded Systems	MAS
9	4MEE1A02	Embedded System Design	L	Electronics and Embedded Systems	MAS
10	4MEE2A08	Advanced Embedded Systems Design	L	Electronics and Embedded Systems	MAS
Representative references (at minimum 5, not more than 10)					
1	Sandra Djosic, Milica Jovanovic, Goran Lj. Djordjevic, "Optimized k-Nearest neighbors search implementation on resource-constrained FPGA platforms", Microprocessors and Microsystems, 2024 Sep 1;109:105089, Print ISSN: 0141-9331, Online ISSN: 1872-9436, 10.1016/j.micpro.2024.105089, IF2024=1.9				
2	Igor Stojanovic., Milica Jovanovic., Sandra Djosic, and Goran Lj. Djordjevic, 2021, Optimal port allocation scheme for deflection-routed networks-on-chip. The Journal of Supercomputing, https://doi.org/10.1007/s11227-021-03850-0				
3	Tatjana Nikolic, Goran Nikolic, and Goran Lj. Djordjevic, 2020. Distributed arbitration scheme for on-chip CDMA bus with dynamic codeword assignment,. Etri Journal, http://dx.doi.org/10.4218/etrij.2020-0016				
4	Sandra Djosic, Igor Stojanovic, Milica Jovanovic, Tatjana Nikolic, and Goran Lj. Djordjevic, 2020. Fingerprinting-Assisted UWB-based Localization Technique for Complex Indoor Environments. Expert Systems with Applications, https://doi.org/10.1016/j.eswa.2020.114188				
5	Milica Jovanovic, Igor Stojanovic, Sandra Djosic, and Goran Lj. Djordjevic, 2020. Tone-Based Contention Resolution for Multi-hop Wireless Sensor Networks. Wireless Personal Communications, 111(2), pp.1151-1170. https://doi.org/10.1007/s11277-019-06906-w				
6	Milica D. Jovanovic, Igor Z. Stojanovic, Sandra M. Djosic, Goran Lj. Djordjevic, "Intra-cluster tone-based contention resolution mechanism for wireless sensor networks", Computers & Electrical Engineering, October 2016, DOI: 10.1016/j.compeleceng.2016.10.008				
7	Igor Z. Stojanovic, Milica D. Jovanovic, Goran Lj. Djordjevic, "Dual-mode inter-router communication channel for deflection-routed networks-on-chip", The Journal of Supercomputing, July 2015, Volume 71, Issue 7, pp 2597-2613, ISSN=0920-8542, Springer US, DOI: 10.1007/s11227-015-1407-y				
8	M. Velimirovic. G. Lj. Djordjevic, A. Velimirovic, D. Denic, "Range-Free Localization in Wireless Sensor Networks Using Fuzzy Logic", AD HOC & SENSOR WIRELESS NETWORKS, (2014), vol. 23 no.. 3-4, pp. 187-210				
9	Milica Jovanovic, Goran Lj. Djordjevic, "Reduced-Frame TDMA Protocols for Wireless Sensor Networks", International Journal of Communication Systems, Wiley, Volume 27, Issue 10, pp. 1857-1872, 2014 (Online 2012), ISSN: 1099-1131, DOI=10.1002/dac.2439				
10	Milos D. Krstic, Mile K. Stojcev, Goran Lj. Djordjevic, Ivan D. Andrejic, „A Mid-Value Select Voter“, Microelectronics Reliability, Elsevier Ltd, Vol. 45, No. 3-4, pp.733-738, March-April 2005, DOI:10.1016/j.microrel.2004.07.006				
Cumulative data of scientific, that is artistic and expert activity on the part of the lecturer					

Total number of citations	370	Number of domestic projects at which the lecturer currently participates	3
Total number of papers on the SCI (SSCI) list	25	Number of international projects at which the lecturer currently participates	0
Specializations			
Other data considered relevant			

Table 9.1 Scientific, artistic, and expert qualifications of the lecturer and their teaching duties

Last name, middle letter, first name			Došić M. Sandra		
Title			Associate professor		
The name of the institution in which the lecturer works full or part time and since when			University of Niš, Faculty of Electronic Engineering		
Specific scientific field			Electronics		
Academic career					
	Year	Institution	Scientific field	Specific scientific field	
Election	2022	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Electronics	
PhD	2015	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Electronics	
Specialization					
Magister	2006	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Electronics	
Master					
Diploma	2000	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Electronics and Telecommunications	
List of courses the teacher is accredited to teach at the first or second cycle of studies.					
No.	Course code	Course name	Type of lectures	Study programme name	Type of studies
1	4OEE8A01	Wireless Networks and Devices	L, E	Electrical Engineering and Computer Science	BAS
2	4OEE3O03	Digital Electronics	L, E	Electrical Engineering and Computer Science	BAS
3	4OEU4O01	Digital Electronics	L, E	Electrical Engineering and Computer Science	BAS
4	4OEE4O06	Electronic Circuits and Embedded systems	E	Electrical Engineering and Computer Science	BAS
5	4OEE7B01	Machine Learning in Embedded Systems	L, E	Electrical Engineering and Computer Science	BAS
6	4OEE5B01	Microprocessor Technique	L, E	Electrical Engineering and Computer Science	BAS
7	4MEE1A16	Distributed Embedded Systems	L	Electronics and Embedded Systems	MAS
8	4MEE1A15	Digital System Design	E, OFE	Electronics and Embedded Systems	MAS
9	4MEE1A02	Embedded System Design	E	Electronics and Embedded Systems	MAS
10	4MEE2A08	Advanced Embedded Systems Design	L	Electronics and Embedded Systems	MAS
Representative references (at minimum 5, not more than 10)					
1	Sandra Djosic, Milica Jovanovic, Goran Lj. Djordjevic, Optimized k-Nearest neighbors search implementation on resource-constrained FPGA platforms, Microprocessors and Microsystems, vol 109, pp 105089, September 2024, https://doi.org/10.1016/j.micpro.2024.105089				
2	Sandra Djosic, Igor Stojanovic, Milica Jovanovic, Goran Lj. Djordjevic, Multi-algorithm UWB-based localization method for mixed LOS/NLOS environments, Computer Communications, vol 181, pp 365-373, January 2022, https://doi.org/10.1016/j.comcom.2021.10.031				
3	Igor Stojanovic, Milica Jovanovic, Sandra Djosic, Goran Lj. Djordjevic, Optimal port allocation scheme for deflection-routed networks-on-chip, The Journal of Supercomputing, vol 77, pp 14161-14179, 2021, https://doi.org/10.1007/s11227-021-03850-0				
4	Sandra Djosic, Igor Stojanovic, Milica Jovanovic, Tatjana Nikolic, Goran Lj. Djordjevic, Fingerprinting-assisted UWB-based localization technique for complex indoor environments, Expert Systems with Applications, vol 167, April 2021, https://doi.org/10.1016/j.eswa.2020.114188				
5	Nikolic Tatjana R, Djosic Sandra M, Nikolic Goran S, Djordjevic Goran Lj, Token ring arbitration scheme for on-chip CDMA bus architectures, Microelectronics Journal, vol 106, no 104923, 2020, https://doi.org/10.1016/j.mejo.2020.104923				
6	Milica Jovanovic, Igor Stojanovic, Sandra Djosic, Goran Lj. Djordjevic, Tone-Based Contention Resolution for Multi-hop Wireless Sensor Networks, Wireless Personal Communications, An International Journal, Springer US, pp 1-20, 26 October 2019, https://doi.org/10.1007/s11277-019-06906-w				
7	Milica D. Jovanovic, Igor Z. Stojanovic, Sandra M. Djosic, Goran Lj. Djordjevic, Intra-Cluster Tone-Based Contention Resolution Mechanism for Wireless Sensor Networks, Computers and Electrical Engineering, vol 56, pp 485-497, http://www.sciencedirect.com/science/article/pii/S0045790616305250				
Cumulative data of scientific, that is artistic and expert activity on the part of the lecturer					
Total number of citations	127	Number of domestic projects at which the lecturer currently participates			1
Total number of papers on the SCI (SSCI) list	8	Number of international projects at which the lecturer currently participates			0
Specializations					
Other data considered relevant					

Table 9.1 Scientific, artistic, and expert qualifications of the lecturer and their teaching duties

Last name, middle letter, first name			Jovanović D. Borisav		
Title			Associate professor		
The name of the institution in which the lecturer works full or part time and since when			University of Nis, The Faculty of Electronic Engineering		
Specific scientific field			Electronics		
Academic career					
	Year	Institution	Scientific field	Specific scientific field	
Election	2025	University of Nis, The Faculty of Electronic Engineering	Electrical and Computer Engineering	Electronics	
PhD	2016	University of Nis, The Faculty of Electronic Engineering	Electrical and Computer Engineering	Electronics	
Specialization					
Magister	2005	University of Nis, The Faculty of Electronic Engineering	Electrical and Computer Engineering	Electronics	
Master					
Diploma	2002	University of Nis, The Faculty of Electronic Engineering	Electrical and Computer Engineering	Electronics	
List of courses the teacher is accredited to teach at the first or second cycle of studies.					
No.	Course code	Course name	Type of lectures	Study programme name	Type of studies
1	4OEE8A02	Medical Electronics	L, E, OFE	Electrical Engineering and Computer Science	BAS
2	4OEE7O04	VLSI Design	L, E, OFE	Electrical Engineering and Computer Science	BAS
3	4OEE6B01	Electronic Systems Design	L, E, OFE	Electrical Engineering and Computer Science	BAS
4	4MUR2B02	Medical Electronics	L, E, OFE	Control Systems	MAS
5	4MEE1A09	Medical Electronic Systems	L, E, OFE	Electronics and Embedded Systems	MAS
6	4MEE2A03	System on Chip	L, OFE	Electronics and Embedded Systems	MAS
7	4MEE1A14	Open-source Hardware	L, OFE	Electronics and Embedded Systems	MAS
Representative references (at minimum 5, not more than 10)					
1	Borisav Jovanović, Milunka Damnjanović, Predrag Petković, Vančo Litovski: Standard Cell Based Low Power Embedded Controller Design, Journal of Circuits Systems and Computers, Vol. 24, No. 6, World Scientific Publishing Co. Pte. Ltd., Singapore, July 2015, 19 pages, ISSN: 0218-1266(prn.)/ISSN: 1793-6454(onln.), doi:10.1142/S0218126615500772, (M23)				
2	Borisav Jovanović, Srđan Milenković, Milan Pavlović: VT/VF Detection Method Based On ECG Signal Quality Assessment, Journal of Circuits Systems and Computers, Vol. 27, No. 11, November, 2018, World Scientific Publishing Company, Pte. Ltd., Singapore, Print ISSN: 0218-1266 - Online ISSN: 1793-6454, doi:10.1142/S0218126618501694, five-year IF 0.762, M23, in the field of Engineering, Electrical & Electronic, (M23)				
3	Borisav Jovanović, Srđan Milenković: PA Linearization by Digital Predistortion and Peak to Average Power Ratio Reduction in Software Defined Radios, Journal of Circuits Systems and Computers, World Scientific Publishing Co. Pte. Ltd., Singapore, Vol. 29, No. 9, July 2020, https://doi.org/10.1142/S0218126620501479, five-year IF 0.762, in the field of Engineering, Electrical & Electronic, (M23)				
4	Borisav Jovanović, Srđan Milenković: Transmitter IQ Imbalance Mitigation and PA Linearization in Software Defined Radios, Radioengineering Journal, Vol. 31, No. 1, April, 2022, pp. 144-154 , ISSN 1210-2512, doi:10.13164/re.2022.0144, five-year IF 0.9, for year 2022., in the WoS field of Engineering, Electrical & Electronic, (M23)				
5	Borisav Jovanović, Srđan Milenković: IQ Imbalance Correction in Wideband Software Defined Radio Transceivers, Radioengineering Journal, Vol. 32, No. 4, December, 2023, pp. 479 -491, ISSN 1210-2512, doi:10.13164/re.2023.0479, five-year IF 0.7, for year 2023., in the WoS field of Engineering, Electrical & Electronic, (M23)				
6	Borisav Jovanović, Vančo Litovski, Milan S. Pavlović: QRS Complex Detection Based ECG signal Artefact Discrimination, FACTA UNIVERSITATIS, Series: Electronic and Energetics, Vol. 28, No. 4, University of Niš, December, 2015, pp. 571-584, ISSN: 0353-3670(online), doi:10.2298/FUEE1504571J, (M24)				
7	Borisav Jovanović, Srđan Milenković: The Peak Windowing For PAPR Reduction In Software Defined Radio Base Stations, Journal of FACTA UNIVERSITATIS, Series: Electronic and Energetics, University of Niš, Vol.33, No. 2, pp. 273-287, 2020, https://doi.org/10.2298/FUEE2002273J				
8	Borisav Jovanović, Srđan Milenković: Adaptive Complex Filters Based Transmitter IQ Imbalance Rejection, Facta Universitatis, Series: Automatic Control and Robotics, Vol. 23, No. 1, 2024, pp. 33-45, https://doi.org/10.22190/FUACR240117004J, (M51)				
Cumulative data of scientific, that is artistic and expert activity on the part of the lecturer					
Total number of citations	19	Number of domestic projects at which the lecturer currently participates			1
Total number of papers on the SCI (SSCI) list	5	Number of international projects at which the lecturer currently participates			0
Specializations					
Other data considered relevant					

--

Table 9.1 Scientific, artistic, and expert qualifications of the lecturer and their teaching duties

Last name, middle letter, first name			Jovanović D. Igor		
Title			Assistant professor		
The name of the institution in which the lecturer works full or part time and since when			University of Niš, Faculty of Electronic Engineering		
Specific scientific field			Electronics		
Academic career					
	Year	Institution	Scientific field	Specific scientific field	
Election	2021	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Electronics	
PhD	2018	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Electronics	
Specialization					
Magister					
Master					
Diploma	2008	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Electronics	
List of courses the teacher is accredited to teach at the first or second cycle of studies.					
No.	Course code	Course name	Type of lectures	Study programme name	Type of studies
1	4OEE7C03	Power Electronic Converters	L	Electrical Engineering and Computer Science	BAS
2	4OEE6O03	Electronics for Multimedia Systems	L, E	Electrical Engineering and Computer Science	BAS
3	4OEP8A02	Power Supplies	L	Electrical Engineering and Computer Science	BAS
4	4OEP5A03	Renewable Energy Sources and Energy Storage	L	Electrical Engineering and Computer Science	BAS
5	4OEE6O06	Fundamentals of Power Electronics	L, E	Electrical Engineering and Computer Science	BAS
6	4OEE8B01	Thermovision	L	Electrical Engineering and Computer Science	BAS
7	4MEE1A07	Electronic Control Circuits for Converters	L, E	Electrical Power Engineering	MAS
8	4MEE2A06	Power Supplies	L, E, OFE	Electronics and Embedded Systems	MAS
9	4MEE1A11	Ultrasonic Technique	L, E, OFE	Electronics and Embedded Systems	MAS
10	4MEP2A04	Photovoltaic Systems	L, E, OFE	Electrical Power Engineering	MAS
Representative references (at minimum 5, not more than 10)					
1	Igor Jovanović, Dragan Mančić, Goran Stančić, Miodrag Prokić: "A New 3-D Model of Composite Ultrasonic Transducer", IEEE Sensors Journal, Vol. 24, Issue. 20, pp. 31901-31910, October 2024, ISSN 1530-437X, DOI: 10.1109/JSEN.2024.3452794				
2	Igor Jovanović, Dragan Mančić, Uglješa Jovanović, Miodrag Prokić: "A 3D model of new composite ultrasonic transducer", Journal of Computational Electronics, Vol. 16, No. 3, pp. 977-986, May 2017, ISSN 1569-8025, DOI: 10.1007/s10825-017-1000-0.				
3	Marjan Blagojević, Uglješa Jovanović, Igor Jovanović, Dragan Mančić: "Folded bus bar current transducer based on Hall effect sensor", Electrical Engineering, Vol. 100, No. 2, pp. 1243-1251, June 2018, DOI: 10.1007/s00202-017-0579-2.				
4	Sandra Veljković, Nikola Mitrović, Igor Jovanović, Emilija Živanović, Albena Paskaleva, Dencho Spassov, Dragan Mančić, Danijel Danković: "Self-heating of stressed VDMOS devices under specific operating conditions", Microelectronics Reliability, 115213, October 2023, DOI: https://doi.org/10.1016/j.microrel.2023.115213 .				
5	Emilija Živanović, Sandra Veljković, Nikola Mitrović, Igor Jovanović, Snežana Djorić-Veljković, Albena Paskaleva, Dencho Spassov, Danijel Danković: "A Reliability Investigation of VDMOS Transistors: Performance and Degradation Caused by Bias Temperature Stress", Micromachines, Vol. 15, No. 4: 503, 2024, ISSN 2072-666X, DOI: https://doi.org/10.3390/mi15040503 .				
6	Uglješa Jovanović, Dragan Mančić, Igor Jovanović, Zoran Petrušić, "Temperature Measurement of Photovoltaic Modules Using Non-Contact Infrared System", J Electr Eng Technol., Vol. 12, No. 2 , pp. 904-910, March 2017, ISSN: 1975-0102, DOI: 10.5370/JEET.2017.12.2.904				
7	Andrija Ćosić, Igor Jovanović, Miona Andrejević Stošović, Dragan Krasić, Goran Videnović, Dragan Mančić, Vladimir Videnović: „Diagnostic potential of the infrared thermal camera in the detection of parotid region tumors“, Serbian Archives of Medicine, Vol. 152, No. 1-2, pp. 33-38, January 2024, DOI: 10.2298/SARH231003002C				
8	Marjan Blagojević, Uglješa Jovanović, Igor Jovanović, Dragan Mančić, Radivoje Popović, "Realization and optimization of bus bar current transducers based on Hall effect sensors", IOP Publishing, Measurement Science and Technology, Vol. 27, No. 6, pp. 1-11, May 2016, ISSN: 0957-0233, DOI: 0.1088/0957-0233/27/6/065102				
9	D.Mitić, M.Milosević Marković, I.Jovanović, D.Mančić, K.Orhan, V.Jokanović, D.Marković: "A Biomimetic Approach to Diode Laser Use in Endodontic Treatment of Immature Teeth: Thermal, Structural, and Biological Analysis", Biomimetics, Vol. 10, No. 4, 216, April 2025.				

10	Igor Jovanović, Uglješa Jovanović, Dragan Mančić: “A Matlab/Simulink 3D Model of Unsymmetrical Ultrasonic Sandwich Transducers“, Serbian Journal of Electrical Engineering, Vol. 15, No. 1, pp. 41-52, 2018. ISSN: 1451–4869, UDC: 666.655:531.8]:004.42MATLAB, DOI: https://DOI.org/10.2298/SJEE1801041J .		
Cumulative data of scientific, that is artistic and expert activity on the part of the lecturer			
Total number of citations	106	Number of domestic projects at which the lecturer currently participates	1
Total number of papers on the SCI (SSCI) list	11	Number of international projects at which the lecturer currently participates	0
Specializations			
Other data considered relevant			

Table 9.1 Scientific, artistic, and expert qualifications of the lecturer and their teaching duties

Last name, middle letter, first name			Jovanović D. Milica		
Title			Assistant professor		
The name of the institution in which the lecturer works full or part time and since when			University of Nis, Faculty of Electronic Engineering		
Specific scientific field			Electronics		
Academic career					
	Year	Institution	Scientific field	Specific scientific field	
Election	2021	University of Nis, Faculty of Electronic Engineering	Electrical and Computer Engineering	Electronics	
PhD	2017	University of Nis, Faculty of Electronic Engineering	Electrical and Computer Engineering	Electronics	
Specialization					
Magister	2011	University of Nis, Faculty of Electronic Engineering	Electrical and Computer Engineering	Microsystem Design and Engineering	
Master					
Diploma	2003	University of Nis, Faculty of Electronic Engineering	Electrical and Computer Engineering	Computing Science and Informatics	
List of courses the teacher is accredited to teach at the first or second cycle of studies.					
No.	Course code	Course name	Type of lectures	Study programme name	Type of studies
1	4OEE5O06	Digital System Architecture	L, E	Electrical Engineering and Computer Science	BAS
2	4OEE8A01	Wireless Networks and Devices	L	Electrical Engineering and Computer Science	BAS
3	4OEE3O03	Digital Electronics	L, E, OFE	Electrical Engineering and Computer Science	BAS
4	4OEU4O01	Digital Electronics	L, E, OFE	Electrical Engineering and Computer Science	BAS
5	4OEE7B01	Machine Learning in Embedded Systems	L	Electrical Engineering and Computer Science	BAS
6	4OEE5B01	Microprocessor Technique	L	Electrical Engineering and Computer Science	BAS
7	4OEE7C02	Mobile Devices Programming	L, E	Electrical Engineering and Computer Science	BAS
8	4OEE6A01	Digital System Design	L, E	Electrical Engineering and Computer Science	BAS
9	4MEE1A16	Distributed Embedded Systems	L, E	Electronics and Embedded Systems	MAS
10	4MEE1A15	Digital System Design	L	Electronics and Embedded Systems	MAS
11	4MEE1A02	Embedded System Design	L, OFE	Electronics and Embedded Systems	MAS
12	4MEE2A08	Advanced Embedded Systems Design	L, E, OFE	Electronics and Embedded Systems	MAS
Representative references (at minimum 5, not more than 10)					
1	Milica D. Jovanovic, Igor Z. Stojanovic, Sandra M. Djosic, Goran Lj. Djordjevic, „Intra-Cluster Tone-Based Contention Resolution Mechanism for Wireless Sensor Networks”, Computers and Electrical Engineering, Elsevier, Vol. 56, pp. 485-497, November 2016, DOI: 10.1016/j.compeleceng.2016.10.008, ISSN: 0045-7906, http://www.sciencedirect.com/science/article/pii/S0045790616305250				
2	Milica D. Jovanovic, Igor Z. Stojanovic, Sandra M. Djosic, Goran Lj. Djordjevic, „Tone-Based Contention Resolution for Multi-Hop Wireless Sensor Networks”, Wireless Personal Communications, Springer, Vol. 111, pp. 1151-1170, 2020, DOI: 10.1007/s11277-019-06906-w, Electronic ISSN: 1572-834X, Print ISSN: 0929-6212, https://link.springer.com/article/10.1007%2Fs11277-019-06906-w				
3	Igor Z. Stojanovic, Milica D. Jovanovic, Sandra M. Djosic, Goran Lj. Djordjevic, “Optimal port allocation scheme for deflection-routed networks-on-chip”, The Journal of Supercomputing, Vol. 77, pp. 14161-14179, 2021. DOI: 10.1007/s11227-021-03850-0				
4	Sandra Djosic, Igor Stojanovic, Milica Jovanovic, Tatjana Nikolic, Goran Lj. Djordjevic, “Fingerprinting-assisted UWB-based localization technique for complex indoor environments”, Expert Systems with Applications, Volume 167, 1 April 2021, ISSN 0957-4174, https://doi.org/10.1016/j.eswa.2020.114188 .				
5	Sandra Djosic, Igor Stojanovic, Milica Jovanovic, Goran Lj. Djordjevic, “Multi-algorithm UWB-based localization method for mixed LOS/NLOS environments”, Computer Communications, Vol. 181, pp. 365-373, January 2022, https://doi.org/10.1016/j.comcom.2021.10.031				
6	Sandra Djosic, Milica Jovanovic, Goran Lj. Djordjevic, “Optimized k-Nearest neighbors search implementation on resource-constrained FPGA platforms”, Microprocessors and Microsystems, Vol. 109, pp. 105089, September 2024, https://doi.org/10.1016/j.micpro.2024.105089				
7	M. Mitic, M. Stojcev, and Z. Stamenkovic, “An Overview of SoC Buses”, Embedded Systems Handbook, Digital Systems and Applications, V. Oklobdzija (Ed.), chapter 7, pp. 7.1- 7.16, CRC Press, Boca Raton, 2008, ISBN 978-0-8493-8619-0.				

8	Igor Z. Stojanovic, Milica D. Jovanovic, Goran Lj. Djordjevic, „Dual-mode inter-router communication channel for deflection-routed networks-on-chip“, The Journal of Supercomputing, Springer, Vol. 71, No. 7, pp. 2597-2613, June 2015, DOI 10.1007/s11227-015-1407-y, ISSN 0920-8542 (Print), ISSN 1573-0484, http://link.springer.com/article/10.1007/s11227-015-1407-y		
9	M. Kostić, S. Došić, M. Jovanović, and I. Stojanović, “Performance Analysis of Machine Learning Algorithms for Indoor Localization”, Proceedings of XVI International SAUM Conference, SAUM 2022, pp. 115-118, Nis, Serbia, November 2022, ISBN: 978-86-6125-205-1.		
10	M. Djordjevic, M. Jovanovic, S. Djosic, “VHDL realization of a hardware accelerator for k-NN classification”, Proceedings of 16-th International Conference on Advanced Technologies, Systems and Services in Telecommunications, TELSIKS 2023, pp. 332-335, Nis, Serbia, October 2023		
Cumulative data of scientific, that is artistic and expert activity on the part of the lecturer			
Total number of citations	225	Number of domestic projects at which the lecturer currently participates	1
Total number of papers on the SCI (SSCI) list	9	Number of international projects at which the lecturer currently participates	0
Specializations			
Other data considered relevant			

Table 9.1 Scientific, artistic, and expert qualifications of the lecturer and their teaching duties

Last name, middle letter, first name			Jovanović R. Jelena		
Title			Associate professor		
The name of the institution in which the lecturer works full or part time and since when			University of Niš, Faculty of Electronic Engineering		
Specific scientific field			Metrology and Measurement Technique		
Academic career					
	Year	Institution		Scientific field	Specific scientific field
Election	2023	University of Niš, Faculty of Electronic Engineering		Electrical and Computer Engineering	Metrology and Measurement Technique
PhD	2016	University of Niš, Faculty of Electronic Engineering		Electrical and Computer Engineering	Metrology and Measurement Technique
Specialization					
Magister					
Master					
Diploma	2008	University of Niš, Faculty of Electronic Engineering		Electrical and Computer Engineering	Telecommunications
List of courses the teacher is accredited to teach at the first or second cycle of studies.					
No.	Course code	Course name	Type of lectures	Study programme name	Type of studies
1	4OEP3O03	Measurements in Electrical Power Engineering	E	Electrical Engineering and Computer Science	BAS
2	4OEM5A02	Measurements in Microelectronics	E	Electrical Engineering and Computer Science	BAS
3	4OEU8A02	Measurement of Electrical Power Quality	E	Electrical Engineering and Computer Science	BAS
4	4OER8A04	Microcomputer-Based Measurement Systems	L, E, OFE	Electrical Engineering and Computer Science	BAS
5	4OEM3O03	Metrology of Electrical Quantities	E	Electrical Engineering and Computer Science	BAS
6	4OEU8A01	Computer Based Industrial Measurement Systems	L	Electrical Engineering and Computer Science	BAS
7	4OEU6B04	Telemetry	L, OFE	Electrical Engineering and Computer Science	BAS
8	4MUR1B02	IoT Sensors and Measurement Systems	L, OFE	Control Systems	MAS
9	4MEK1A12	Measurement Systems in Industry 5.0	L	Electron Devices and Microsystems	MAS
10	4MEE2A10	Measurement Systems in Industry 5.0	L	Electronics and Embedded Systems	MAS
11	4MKK1C02	Measurement Systems in Industry 5.0	L	Communications and Information Technologies	MAS
12	4MUR1A02	Design of Microcomputer Measurement Instruments	L	Control Systems	MAS
13	4MEP1C03	Computer Based Industrial Measurement Systems	L	Electrical Power Engineering	MAS
14	4MKK1A01	Telemetry	L	Communications and Information Technologies	MAS
Representative references (at minimum 5, not more than 10)					
1	Zoran Perić, Jelena Lukić, Jelena Nikolić, Dragan Denić, „Design of Nonuniform Dead-zone Quantizer with Low Number of Quantization Levels for the Laplacian Source”, Revue Roumaine des Sciences Techniques. Ser. Electrotechnique et Energetique, Vol 58, No. 1, pp. 93-100, 2013, ISSN 0035-4066, http://revue.elth.pub.ro/viewpdf.php?id=384				
2	Zoran Perić, Jelena Nikolić, Jelena Lukić, Dragan Denić, „Analysis of Two-stage Quantizer with Embedded G. 711 Quantizer and Segmental Uniform Quantizer”, Electronics and Electrical Engineering, Vol 19, No. 2, pp. 88-91, 2013, ISSN 1392-1215, doi: http://dx.doi.org/10.5755/j01.eee.19.2.1107				
3	Zoran Perić, Jelena Lukić, Jelena Nikolić, Dragan Denić, „Application of Mean-square Approximation for Piecewise Linear Optimal Compander Design for Gaussian Source and Gaussian Mixture Model”, Information Technology And Control, Vol 42, No 3, pp. 277-285, 2013, ISSN 1392-124X, doi: http://dx.doi.org/10.5755/j01.itc.42.3.4349				
4	Dragan Živanović, Jelena Lukić, Dragan Denić, „A Novel Linearization Method of Sin/Cos Sensor Signals Used for Angular Position Determination”, Journal of Electrical Engineering and Technology, Vol. 9, No. 4, pp. 1437-1445, 2014, ISSN 1975-0102, doi: http://dx.doi.org/10.5370/JEET.2014.9.4.1437				
5	Jelena Lukić, Dragan Denić, „A Novel Design of an NTC Thermistor Linearization Circuit”, Metrology and Measurement Systems, Vol. 22, No. 3, pp. 351–362, 2015, ISSN 0860-8229, doi: https://doi.org/10.1515/mms-2015-0035				
6	Jelena Jovanović, Dragan Denić, „A Cost-effective Method for Resolution Increase of the Two-stage Piecewise Linear ADC Used for Sensor Linearization”, Measurement Science Review, Vol. 16, No. 1, pp. 28-34, 2016, ISSN 1335-8871, doi: http://dx.doi.org/10.1515/msr-2016-0005				

7	Jelena Jovanović, Dragan Denić, Uglješa Jovanović, „An Improved Linearization Circuit Used for Optical Rotary Encoders”, Measurement Science Review, Vol. 17, No. 5, pp. 241-249, 2017, ISSN 1335-8871, doi: http://dx.doi.org/10.1515/msr-2017-0029		
8	Jelena Jovanović, Dragan Denić, „NTC thermistor nonlinearity compensation using Wheatstone bridge and novel dual-stage single-flash piecewise-linear ADC”, Metrology and Measurement Systems, Vol. 28, No. 3, pp. 523-537, 2021, ISSN 0860-8229, doi: https://doi.org/10.24425/mms.2021.136616		
9	Jelena Jovanović, Dragan Denić, „Mixed-mode method used for Pt100 static transfer function linearization”, Measurement Science Review, Vol. 21, No. 5, pp. 142-149, 2021, ISSN 1335-8871, doi: https://doi.org/10.2478/msr-2021-0020		
10	Jelena Jovanović, Dragan Denić, „A double-nonuniform single-flash piecewise linear ADC used for linearization of sinusoidal sensors“, Journal of Electrical Engineering, Vol. 76, No. 3, pp. 200-210, 2025, ISSN 1335-3632, doi: https://doi.org/10.2478/jee-2025-0021		
Cumulative data of scientific, that is artistic and expert activity on the part of the lecturer			
Total number of citations	50	Number of domestic projects at which the lecturer currently participates	0
Total number of papers on the SCI (SSCI) list	11	Number of international projects at which the lecturer currently participates	2
Specializations			
Other data considered relevant			
Prof. Dr. Jovanović R. Jelena was the leader of a project funded by the Ministry of Education, Science and Technological Development as part of the Ministry's program activity "Development of Higher Education" for the year 2019.			

Table 9.1 Scientific, artistic, and expert qualifications of the lecturer and their teaching duties

Last name, middle letter, first name			Mančić D. Dragan		
Title			Full professor		
The name of the institution in which the lecturer works full or part time and since when			University of Niš, Faculty of Electronic Engineering		
Specific scientific field			Electronics		
Academic career					
	Year	Institution	Scientific field	Specific scientific field	
Election	2013	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Electronics	
PhD	2002	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Electronics	
Specialization					
Magister	1995	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Electronics	
Master					
Diploma	1991	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Electronics	
List of courses the teacher is accredited to teach at the first or second cycle of studies.					
No.	Course code	Course name	Type of lectures	Study programme name	Type of studies
1	4OEE7C03	Power Electronic Converters	L	Electrical Engineering and Computer Science	BAS
2	4OEP8A02	Power Supplies	L	Electrical Engineering and Computer Science	BAS
3	4OEE6O06	Fundamentals of Power Electronics	L	Electrical Engineering and Computer Science	BAS
4	4OEE8B01	Thermovision	L	Electrical Engineering and Computer Science	BAS
5	4OEZ2O05	Introduction to Electronics	L	Electrical Engineering and Computer Science	BAS
6	4MEE1A07	Electronic Control Circuits for Converters	L	Electrical Power Engineering	MAS
7	4MEE2A06	Power Supplies	L	Electronics and Embedded Systems	MAS
8	4MEE1A11	Ultrasonic Technique	L	Electronics and Embedded Systems	MAS
Representative references (at minimum 5, not more than 10)					
1	D.Mitić, M.Milosević Marković, I.Jovanović, D.Mančić, K.Orhan, V.Jokanović, D.Marković: "A Biomimetic Approach to Diode Laser Use in Endodontic Treatment of Immature Teeth: Thermal, Structural, and Biological Analysis", Biomimetics, Vol. 10, No. 4, 216, April 2025. (M21)				
2	I.Jovanović, D.Mančić, G.Stančić, M.Prokić: "A New 3-D Model of Composite Ultrasonic Transducer", IEEE Sensors Journal, Vol. 24, Issue. 20, pp. 31901-31910, October 2024. (M21)				
3	S.Veljković, N.Mitrović, I.Jovanović, E.Živanović, A.Paskaleva, D.Spaso, D.Mančić, D.Danković: "Self-heating of stressed VDMOS devices under specific operating conditions", Microelectronics Reliability, DOI: https://doi.org/10.1016/j.microrel.2023.115213 , October 2023. (M23)				
4	S.Lale, M.Šoja, S.Lubura, D.Mančić: "Application of I ² technique on Dual Current Mode Control of Power Electronics Converters", Electrical Engineering, Vol. 100, No. 3, pp. 1761–1772, September 2018. (M23)				
5	M.Bлагоjević, U.Jovanović, I.Jovanović, D.Mančić: "Folded bus bar current transducer based on Hall effect sensor", Electrical Engineering, Vol. 100, No. 2, pp. 1243-1251, June 2018. (M23)				
6	I.Jovanović, D.Mančić, U.Jovanović, M.Prokić: "A 3D model of new composite ultrasonic transducer", Journal of Computational Electronics, Vol. 16, No. 3, pp. 977-986, May 2017. (M22)				
7	U.Jovanović, D.Mančić, I.Jovanović, Z.Petrušić: "Temperature Measurement of Photovoltaic Modules Using Non-Contact Infrared System", Journal of Electrical Engineering & Technology, Vol. 12, No. 2, pp. 904-910, March 2017. (M23)				
8	M.Bлагоjević, U.Jovanović, I.Jovanović, D.Mančić, R.Popović: "Realization and optimization of bus bar current transducers based on Hall effect sensors", Measurement Science and Technology, Vol. 27, No. 6, pp. 1-11, May 2016. (M21)				
9	D.Mančić, G.Stančić, "New Three-dimensional Matrix Models of the Ultrasonic Sandwich Transducers", Journal of Sandwich Structures & Materials, Vol. 12, No. 1, pp. 63-80, January 2010. (M22)				
10	A.Prijić, Z.Prijić, B.Pešić, D.Pantić, S.Ristić, D.Mančić, Z.Petrušić: "Design and Optimization of S-Type Thermal Cutoffs", IEEE Transactions on Components and Packaging Technologies, Vol. 31, No. 4, pp. 904-912, December 2008. (M21)				
Cumulative data of scientific, that is artistic and expert activity on the part of the lecturer					
Total number of citations	229	Number of domestic projects at which the lecturer currently participates			1
Total number of papers on the SCI (SSCI) list	25	Number of international projects at which the lecturer currently participates			0
Specializations					
Other data considered relevant					

Table 9.1 Scientific, artistic, and expert qualifications of the lecturer and their teaching duties

Last name, middle letter, first name			Marinković D. Slađana		
Title			Full professor		
The name of the institution in which the lecturer works full or part time and since when			University of Niš, Faculty of Electronic Engineering		
Specific scientific field			Mathematics		
Academic career					
	Year	Institution	Scientific field	Specific scientific field	
Election	2016	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Mathematics	
PhD	2005	University of Niš, Faculty of Sciences and Mathematics	Electrical and Computer Engineering	Mathematics	
Specialization					
Magister	1995	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Mathematics	
Master					
Diploma	1986	University of Niš, Faculty of Philosophy	Mathematical Sciences	Mathematics	
List of courses the teacher is accredited to teach at the first or second cycle of studies.					
No.	Course code	Course name	Type of lectures	Study programme name	Type of studies
1	4OEZ1O01	Mathematics 1	L	Electrical Engineering and Computer Science	BAS
2	4OEZ2O01	Mathematics 2	L	Electrical Engineering and Computer Science	BAS
3	4OEU4A01	Mathematical Methods	L	Electrical Engineering and Computer Science	BAS
4	4OEE4A03	Numerical Mathematics	L	Electrical Engineering and Computer Science	BAS
5	4OEM4A06	Numerical Mathematics	L	Electrical Engineering and Computer Science	BAS
6	4OER4A03	Numerical Algorithms	L	Electrical Engineering and Computer Science	BAS
7	4MRZ1A29	Methods of optimization	L	Computer Science and Informatics	MAS
8	4MEP1C02	Methods of mathematical optimization	L	Electrical Power Engineering	MAS
Representative references (at minimum 5, not more than 10)					
1	Predrag M. Rajković, Dragan S. Rakić, Slađana D. Marinković, Leibniz rule for the high q -derivatives of a quotient of two functions, <i>Mathematical Methods in the Applied Sciences</i> , Vol. 48, Issue 4 (2025) 4477-4493. (M21a)				
2	Rajković Predrag, Marinkovic Slađana, Differentiating under q -integral sign. <i>Hacettepe Journal of Mathematics and Statistics</i> , Vol 54, Issue 3 (2025) 921-927. (M22)				
3	Rajković Predrag, Marinković Slađana, Stanković Miomir, Petković Marko, Differential properties of the reduced Mittag-Leffler polynomials, <i>Scientific Bulletin, Series A: Applied Mathematics and Physics</i> , Vol. 86 Issue 1 (2024) 29-38. (M22)				
4	Rajković, Predrag, Marinković, Slađana, Petković Marko,, A class of orthogonal polynomials related to the generalized Laguerre weight with two parameters, <i>Computational and Applied Mathematics</i> , Vol.38, Issue 1 (2019) 10. (M22)				
5	Rajković Predrag, Stanković Miomir, Marinković Slađana, The Laplace transform Induced by the Deformed Exponential Function of Two Variables, <i>Fractional Calculus and Applied Analysis</i> , Vol. 21 (2018) 775–785. (M21a+)				
6	Rajković Predrag, Marinković Slađana, Miomir Stanković; Mokhtar Kirane, On q -Steffensen inequality, <i>Electronic Journal of Differential Equations</i> , Vol. 2018, No.112 (2018) 1-11. (M21)				
7	Marinković Slađana, Rajković Predrag, Wolfram Koepf, On a connection between formulas about q --gamma functions, <i>Journal of Nonlinear Mathematical Physics</i> , Vol. 23, Issue 3 (2016) 343-343. (M22)				
8	Predrag Rajković, Franz Hinterleitner, Slađana Marinković, Polynomials associated with a functional product of the Hermite type, <i>Mathematical Methods in the Applied Sciences</i> , Vol. 39, No. 9 (2016) 2358-2367. (M22)				
9	Marinković Slađana, Rajković Predrag, Silvestrov Sergei, Wallis Type Formula and a Few Versions of the Number Π in q -Calculus, In: Silvestrov, S., Malyarenko, A. (eds) <i>Non-commutative and Non-associative Algebra and Analysis Structures</i> , SPAS 2019, Springer Proceedings in Mathematics & Statistics, Vol 426. (2023) 741–759.				
10	Rajković Predrag, Marinković Slađana, Stanković Miomir, Usage of q -orthogonal polynomials in numerical computing of the inverse Z -transform, <i>Proceedings of the XVI International SAUM Conference on Systems, Automatic Control and Measure</i> , Niš, (2022) 53-56.				
Cumulative data of scientific, that is artistic and expert activity on the part of the lecturer					
Total number of citations	446	Number of domestic projects at which the lecturer currently participates			1
Total number of papers on the SCI (SSCI) list	19	Number of international projects at which the lecturer currently participates			0
Specializations					
Other data considered relevant					

Table 9.1 Scientific, artistic, and expert qualifications of the lecturer and their teaching duties

Last name, middle letter, first name			Marinković D. Zlatica		
Title			Full professor		
The name of the institution in which the lecturer works full or part time and since when			University of Niš, Faculty of Electronic Engineering		
Specific scientific field			Telecommunications		
Academic career					
	Year	Institution	Scientific field	Specific scientific field	
Election	2023	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Telecommunications	
PhD	2007	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Telecommunications	
Specialization					
Magister	2003	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Telecommunications	
Master					
Diploma	1999	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Electronics and Telecommunications	
List of courses the teacher is accredited to teach at the first or second cycle of studies.					
No.	Course code	Course name	Type of lectures	Study programme name	Type of studies
1	4OEK8B02	Artificial Neural Networks in Radiocommunication Systems	L	Electrical Engineering and Computer Science	BAS
2	4OEK6O06	Cable and Fiber-optic Communication Systems	L	Electrical Engineering and Computer Science	BAS
3	4OEK6C01	Mobile Communication Systems	L	Electrical Engineering and Computer Science	BAS
4	4OEK8B04	Design of Information and Communication Systems and Instalations	L	Electrical Engineering and Computer Science	BAS
5	4OEK8O03	Seminar - System Engineering and Radiocommunications	L	Electrical Engineering and Computer Science	BAS
6	4OEK4O01	Software Tools	L	Electrical Engineering and Computer Science	BAS
7	4MKS2A05	Artificial Intelligence and Machine Learning for Communication Systems	L, E	Communications and Information Technologies	MAS
8	4MUA2B03	Mobile Communication Systems	L	Control Systems	MAS
9	4MKS2A02	Advanced Communication Technologies and Services	L	Communications and Information Technologies	MAS
10	4MKS1A02	Design of Telecommunication Systems and Networks	L	Communications and Information Technologies	MAS
11	4MEE1A05	RF Systems	L	Electronics and Embedded Systems	MAS
Representative references (at minimum 5, not more than 10)					
1	Zlatica Marinković, Vera Marković, Alina Caddemi, "Artificial Neural Networks in Small-Signal and Noise Modeling of Microwave Transistors", Chapter 6 in „Artificial Neural Networks“ edited by Seoyun J. Kwon, Nova Science Publishers Inc., 2011 (M13)				
2	Alfiero Leoni, Vincenzo Stornelli, Leonardo Pantoli, Giorgio Leuzzi, Zlatica Marinković, “RF Active inductors small-signal design by means of conformal transformations”, IEEE Access, vol. 8, pp. 50390 - 50398 March 2020 (M21)				
3	Zlatica Marinković, Taeyoung Kim, Vera Marković, Marija Milijić, Olivera Pronić-Rančić, Tomislav Ćirić, Larissa Vietzorreck, “Artificial Neural network based design of RF MEMS capacitive shunt switches”, Applied Computational Electromagnetics Society Journal, vol. 31 no. 7, pp. 756-764, July 2016. (M23)				
4	Zlatica Marinković, Giovanni Crupi, Alina Caddemi, Vera Marković, and Dominique M.M.-P. Schreurs, “A review on the artificial neural network applications for small-signal modeling of microwave FETs,” International Journal of Numerical Modeling: Electronic Networks, Devices and Fields, Special Issue: Devices and Circuits for Millimeter Wave and THz Applications, vol. 33, no. 3, May/June 2020, e2668 (M23)				
5	Maria Gabriela Xibilia, Mariangela Latino, Zlatica Marinković, Aleksandar Atanasković, Nicola Donato, “Soft sensors based on deep neural networks for applications in security and safety”, IEEE Transactions on Instrumentation and Measurement, vol. 69, no. 10, pp. 7869-7876, Oct. 2020 (M21).				
6	Zlatica Marinković, Giovanni Gugliandolo, Mariangela Latino, Giuseppe Campobello, Giovanni Crupi, Nicola Donato, “Characterization and neural modeling of a microwave gas sensor for oxygen detection aimed at healthcare applications,” Sensors, vol. 20, no. 24, 7150, Dec. 2020. (M21)				
7	Zlatica Marinković, Biljana P. Stošić, “Applications of artificial neural networks for calculation of the Erlang B formula and its inverses,” Engineering Reports, vol. 5, no. 9, September 2023, e12647. (M22)				
8	Jacopo Iannacci, Girolamo Tagliapietra, Zlatica Marinković, Koushik Guha, Srinivasa Rao Karumuri, Irene Dal Chiele, and Massimo Donelli, ”Simple and fast modelling of radio frequency passives in view of beyond-5G and 6G applications: case				

	study of an RF-MEMS multi-state network described by an equivalent lumped element network”, Microsystem Technologies, June 2024. (M22)		
9	Stefan Tomić, Vera Marković, Zlatica Marinković, „Trendovi u primeni indoor sistema u mobilnim komunikacijama”, XXXII simpozijum o novim tehnologijama u poštanskom i telekomunikacionom saobraćaju – PosTel 2014, Beograd, 2-3. Decembar 2014, pp. 199-208.		
10	Zlatica Marinković, Miloš Mitić, Nebojša Dončov, „FiWi i LiFi širokopojasne mreže za pristup”, XXXV simpozijum o novim tehnologijama u poštanskom i telekomunikacionom saobraćaju – PosTel 2017, Beograd, 5-6. decembar 2017, pp. 171-180.		
Cumulative data of scientific, that is artistic and expert activity on the part of the lecturer			
Total number of citations	640	Number of domestic projects at which the lecturer currently participates	1
Total number of papers on the SCI (SSCI) list	37	Number of international projects at which the lecturer currently participates	1
Specializations			
Visiting researcher at the University of Messina, Italy, 2009 and 2010. Three-month research stay at the University of L'Aquila, Italy, 2013. Multiple study/research stays at foreign universities within the framework of the DAAD and Erasmus programs.			
Other data considered relevant			
License of responsible designer of telecommunications networks and systems (member of the Serbian Chamber of Engineers). Textbooks: (1) Zlatica D. Marinković, Biljana P. Stošić, Aleksandar S. Atanasković, Zoran Ž. Stanković, Nebojša S. Dončov, “Collection of Solved Problems in Cable and Optoelectronic Communication Systems (In Serbian)”, Faculty of Electronic Engineering Niš, 2017. (2) Zlatica Marinković, Zoran Stanković, “Artificial Neural Networks with Applications in Radiocommunication Systems (in Serbian)”, Faculty of Electronic Engineering Niš, 2022.			

Table 9.1 Scientific, artistic, and expert qualifications of the lecturer and their teaching duties

Last name, middle letter, first name			Milić Lj. Miljana		
Title			Full professor		
The name of the institution in which the lecturer works full or part time and since when			University of Niš, Faculty of Electronic Engineering		
Specific scientific field			Electronics		
Academic career					
	Year	Institution	Scientific field	Specific scientific field	
Election	2024	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Electronics	
PhD	2009	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Electronics	
Specialization					
Magister	2005	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Electronics	
Master					
Diploma	2001	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Electronics	
List of courses the teacher is accredited to teach at the first or second cycle of studies.					
No.	Course code	Course name	Type of lectures	Study programme name	Type of studies
1	4OEE4006	Electronic Circuits and Embedded systems	L, E, OFE	Electrical Engineering and Computer Science	BAS
2	4OEE3001	Basics of Electronics	L, OFE	Electrical Engineering and Computer Science	BAS
3	4OEE6B01	Electronic Systems Design	L	Electrical Engineering and Computer Science	BAS
4	4OEE7B02	Electronic Circuits Testing	L, E, OFE	Electrical Engineering and Computer Science	BAS
5	4MEE1A10	Simulation and Optimization of Electronic Circuits	L, E, OFE	Electronics and Embedded Systems	MAS
Representative references (at minimum 5, not more than 10)					
1	Milić, M. , Milojković, J., Petrušić, A.: Extended, Short-Term Neural Prediction Methodology, for European Electricity Production by Type, Acta Polytechnica Hungarica, Vol 21, No 8, Januar, 2024, pp. 147-168, doi:10.12700/APH.21.8.2024.8.8, (M23)				
2	Mirković, D., Stanojlović Mirković, M., Milić, M. , Petrović, V.: A Defects Classification Algorithm for the Hybrid OBTâ€•IDDQ Fault Diagnosis Technique in Analog CMOS Integrated Circuits, Journal of Circuits, Systems and Computers, April, 2024, Vol.33, No.09, doi:10.1142/S0218126624501469, (M23)				
3	Stanojlović Mirković, M., Milić, M. , Mirković, D., Litovski, V.: Hardware Reduction and Statistical Verification of Cryptographic Standard Cell Resistant to SCA , Journal of Circuits, Systems and Computers, Vol. 29, No. 8, June, 2020, pp. 1-20, ISSN 0218-1266, doi:10.1142/S0218126620501315, (M23)				
4	Milić, M. , Milojković, J., Marković, I., Nikolić, P.: Concurrent, Performance-Based Methodology for Increasing the Accuracy and Certainty of Short-Term Neural Prediction Systems, Computational Intelligence and Neuroscience, Vol. 2019, April, 2019, 12, 1687-5265, doi:10.1155/2019/9323482, (M23)				
5	Milić, M. : Tuning Logic Simulator for Estimation of VLSI Timing Degradation under Aging, Advances in Electrical and Computer Engineering, vol. 19, issue 3, Suceava, August, 2019, 75-82, ISSN 1582-7445, doi:10.4316/AECE.2019.03009 , (M23)				
6	Milić, M. , Milojković, J., Jeremić, M.: Optimal Neural Network Model for Short-Term Prediction of Confirmed Cases in the COVID-19 Pandemic, Mathematics, Basel, October, 2022, accepted for publication, ISSN 2227-7390, (M21a)				
7	Milić, M. , Krstić, Dr., Stefanović, M., Nikolić, Pet.: Evaluation of Statistics for Macrodiversity Systems Under the Influence of Specific Single Shadowing and Complex Fading, Journal of Circuits, Systems, and Computers, 2020, Vol 29, no. 09, ISSN 0218-1266(print); 1793-6454(online), doi:10.1142/S0218126620501534, (M23)				
8	Nebojša Milenković, Vladimir Stanković, Miljana Milić : Modular design of fast leading zeros counting circuit, Journal of ELECTRICAL ENGINEERING, VOL. 66, NO. 6, 2015, pp. 329-333, (M23)				
Cumulative data of scientific, that is artistic and expert activity on the part of the lecturer					
Total number of citations	49	Number of domestic projects at which the lecturer currently participates			1
Total number of papers on the SCI (SSCI) list	12	Number of international projects at which the lecturer currently participates			0
Specializations					
2021. Certificate for basic EPLAN Electric P8 course					
Other data considered relevant					
2019. Chisel bootcamp: "Learn how to make chips (in Serbian)" – Science Technology park, Belgrade					
Experience in the industry: In 2001, worked at Melexis GMBH, Erfurt, Germany, on the design of printed circuit boards for low-power RF transmitters, organized with the support of DAAD.					

2004: International Summer School of Microelectronics, “Wireless Communications Technologies and Systems,” Frankfurt (Oder), Germany.

2010: National Instruments seminar, “NI LabVIEW Hands-On” and “NI LabVIEW 2010 and the Latest Products for Data Acquisition, Testing, and Control,” Belgrade.

Table 9.1 Scientific, artistic, and expert qualifications of the lecturer and their teaching duties

Last name, middle letter, first name			Mirković D. Dejan		
Title			Assistant professor		
The name of the institution in which the lecturer works full or part time and since when			University of Nis, Faculty of Electronic Engineering		
Specific scientific field			Electronics		
Academic career					
	Year	Institution	Scientific field	Specific scientific field	
Election	2024	University of Nis, Faculty of Electronic Engineering	Electrical and Computer Engineering	Electronics	
PhD	2018	University of Nis, Faculty of Electronic Engineering	Electrical and Computer Engineering	Electronics	
Specialization					
Magister					
Master					
Diploma	2007	University of Nis, Faculty of Electronic Engineering	Electrical and Computer Engineering	Electronics	
List of courses the teacher is accredited to teach at the first or second cycle of studies.					
No.	Course code	Course name	Type of lectures	Study programme name	Type of studies
1	4OEE6O03	Electronics for Multimedia Systems	L, OFE	Electrical Engineering and Computer Science	BAS
2	4OEE3O01	Basics of Electronics	E	Electrical Engineering and Computer Science	BAS
3	4OEP3A01	Basics of Electronics	L, E, OFE	Electrical Engineering and Computer Science	BAS
4	4OEE6B02	Analog Integrated Circuits Design	L, E, OFE	Electrical Engineering and Computer Science	BAS
5	4OEE6O07	Digital Integrated Circuits Design	L, E	Electrical Engineering and Computer Science	BAS
6	4OEM8A04	Integrated Circuits Design	E	Electrical Engineering and Computer Science	BAS
7	4OEE7O05	RF Electronics	L, E, OFE	Electrical Engineering and Computer Science	BAS
8	4OEZ2O05	Introduction to Electronics	E	Electrical Engineering and Computer Science	BAS
9	4MEE1A13	Hardware Modeling Languages	L, E	Electronics and Embedded Systems	MAS
10	4MEE1A06	Mixed Signal Integrated Circuits Design	L, E	Electronics and Embedded Systems	MAS
Representative references (at minimum 5, not more than 10)					
1	Dejan Mirković, Stanojlović Mirković, M., Milić, M., Petrović, V.: A Defects Classification Algorithm for the Hybrid OBT-IDDQ Fault Diagnosis Technique in Analog CMOS Integrated Circuits, Journal of Circuits, Systems and Computers, April, 2024, Vol. 33, No. 09, doi:10.1142/S0218126624501469.				
2	Dejan Mirković, Miona Andrejević Stošović, Predrag Petković, Vančo Litovski: IIR digital filters with critical monotonic pass-band amplitude characteristic, AEU - International Journal of Electronics and Communications, Volume 69, Issue 10, October, 2015, pp. 1495-1505, doi:10.1016/j.aeue.2015.07.005.				
3	Stanojlović Mirković, M., Milić, M., Mirković, D., Litovski, V.: Hardware Reduction and Statistical Verification of Cryptographic Standard Cell Resistant to SCA, Journal of Circuits, Systems and Computers, Volume 29, Issue 8, June, 2020, ISSN 0218-1266, doi:10.1142/S0218126620501315.				
4	Mirković, D., Petković, P., Litovski, V.: A second order s-to-z transform and its implementation to IIR filter design, COMPEL: The International Journal for Computation and Mathematics in Electrical and Electronic Engineering, Vol. 33 Iss: 5, 2014, pp.1831 - 1843, ISSN: 0332-1649, doi:10.1108/COMPEL-03-2014-0058.				
5	Mirković, D., Milić, M., Stanojlović Mirković, M.: Adaptation of the feedback transfer function for oscilation based testing of second-order active RC filters, FACTA UNIVERSITATIS, Series: Automatic Control and Robotics Vol 22, No 2, Niš, 2024, ISSN 1820-6425. doi.org/10.22190/FUACR240501001M				
6	Dejan Mirković, Predrag Petković, Ilija Dimitrijević, Igor Mirčić: Operational Transconductance Amplifier in 350nm CMOS technology, Electronics, Vol.: 19, Num./Issue: 1, Faculty of Electronic Engineering, University of Banja Luka, June, 2015, pp. 32-37, doi:10.7251/ELS1519032M				
7	Mirković, D., Petković, P.: Design automation of $\Delta\Sigma$ switched capacitor modulators using SPICE and MATLAB, Serbian Journal of Electrical Engineering, Vol. 11., No. 1, February, 2014, pp. 47-59, ISSN: 1451-4869, doi:10.2298/SJEE131017005M.				
8	Mirković, D., Stanojlović Mirković, M.: Digital Filters in CMOS Technology: Design, Topology and Performance, 12th International Conference on Electrical, Electronics and Computer Engineering (IcETRAN). Cacak, 9-12 June, 2025				

9	Mirković, D., Stanojlović Mirković, M.: Data-Driven Design and Simulation of Two Stage CMOS Operational Amplifier, Proceedigns of the Proceedings of 9th Small Systems Simulation Symposium, Niš, 28.02-02.03, 2022, 111-116, 978-86-6125-248-8		
10	Mirković, D., Stanojlović Mirković, M.: SPICE-based Tool for Static CMOS Propagation Time Extraction, 15th International Conference on Advanced Technologies, Systems and Services in Telecommunications (TELSIKS), Niš, 20.10.-22.10., 2021, pp. 348-351, ISBN 978-1-6654-4442-2, doi:10.1109/TELSIKS52058.2021.9606381		
Cumulative data of scientific, that is artistic and expert activity on the part of the lecturer			
Total number of citations	18	Number of domestic projects at which the lecturer currently participates	0
Total number of papers on the SCI (SSCI) list	4	Number of international projects at which the lecturer currently participates	0
Specializations			
Cooperation with the companies Lime Microsystems, ams AG and HDL Design House (Capgemini) by providing consulting and design services.			
Other data considered relevant			
(2018-1019) Researcher on the project "EF-PVT EC Design, Verification and Testing of Electronic Circuits, Support for the Development of Higher Education"			
(2011-2019) Researcher on the project "TR32004 Advanced technologies of electronic measurement, control and communication in the electrical distribution network"			
(2008-2011) Researcher on the project "TR1107.A Design of integrated circuits for measurement and data protection in the electricity consumption control and billing system"			

Table 9.1 Scientific, artistic, and expert qualifications of the lecturer and their teaching duties

Last name, middle letter, first name			Nikolić R. Tatjana		
Title			Full professor		
The name of the institution in which the lecturer works full or part time and since when			University of Niš, Faculty of Electronic Engineering		
Specific scientific field			Electronics		
Academic career					
	Year	Institution	Scientific field	Specific scientific field	
Election	2021	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Electronics	
PhD	2010	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Electronics	
Specialization					
Magister	2005	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Electronics	
Master					
Diploma	2000	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Electronics and Telecommunications	
List of courses the teacher is accredited to teach at the first or second cycle of studies.					
No.	Course code	Course name	Type of lectures	Study programme name	Type of studies
1	4OEE8O03	Embedded Systems	L, E, OFE	Electrical Engineering and Computer Science	BAS
2	4OEE8B03	Internet of Things	L, E	Electrical Engineering and Computer Science	BAS
3	4OEE4O01	Microprocessor Systems	L, E, OFE	Electrical Engineering and Computer Science	BAS
4	4OEE5O02	Computer Networks	L	Electrical Engineering and Computer Science	BAS
5	4MEE1A01	DSP Algorithms and Programming	L, E, OFE	Electronics and Embedded Systems	MAS
6	4MEE2A05	Embedded Operating Systems	L, E, OFE	Electronics and Embedded Systems	MAS
7	4MUA2B05	Embedded Systems	L, E	Control Systems	MAS
8	4MEE1A17	Advanced Microprocessor Systems	L, E, OFE	Electronics and Embedded Systems	MAS
Representative references (at minimum 5, not more than 10)					
1	Tatjana R. Nikolic, Goran S. Nikolic, Goran Lj. Djordjevic, "Distributed arbitration scheme for on-chip CDMA bus with dynamic codeword assignment", ETRI Journal / Electronics and Telecommunications Research Institute, Vol. 43, Issue 3, June 2021, pp. 471-482, ISSN: 2233-7326, https://doi.org/10.4218/etrij.2020-0016				
2	Tatjana R. Nikolic, Sandra M. Djosic, Goran S. Nikolic, Goran Lj. Djordjevic, "Token Ring Arbitration Scheme for On-Chip CDMA Bus Architectures", Microelectronics Journal, Volume 106, December 2020, Article 104923, https://doi.org/10.1016/j.mejo.2020.104923				
3	Goran S. Nikolić, Tatjana R. Nikolić, Goran Lj. Djordjević, "Adaptive Control Based on LMS Algorithm for Grid-Connected Inverters", Electric Power Components and Systems, 51:7, 2023, 656-668, DOI: 10.1080/15325008.2023.2180815				
4	Sandra Djosic, Igor Stojanovic, Milica Jovanovic, Tatjana Nikolic, Goran Lj. Djordjevic, "Fingerprinting-assisted UWB-based localization technique for complex indoor environments", Expert Systems with Applications, Volume 167, 2021, 114188, ISSN 0957-4174, https://doi.org/10.1016/j.eswa.2020.114188				
5	Goran S. Nikolic, Mile K. Stojcev, Tatjana R. Nikolic, Branislav D. Petrovic, Goran S. Jovanovic, Bojan R. Dimitrijevic, "Implementation and evaluation of 2D SEC-DED forward error correction scheme in wireless sensor networks", Microelectronics Reliability, Volume 78, November 2017, pp 161-180, ISSN: 0026-2714, 2017 Elsevier Ltd., http://dx.doi.org/10.1016/j.microrel.2017.08.010				
6	Goran S. Nikolic, Mile K. Stojcev, Tatjana R. Nikolic, Branislav D. Petrovic, Goran S. Jovanovic, "Reliable data transfer Rendezvous protocol in wireless sensor networks using 2D-SEC-DED encoding technique", Microelectronics Reliability, Volume 65, October 2016, pp 289-309, ISSN:0026-2714, 2017 Elsevier Ltd., https://doi.org/10.1016/j.microrel.2016.08.017				
7	Tatjana R. Nikolic, Goran S. Nikolic, Goran Lj. Djordjevic, Mile K. Stojcev, "Improving fault-tolerance capability of on-chip binary CDMA bus", The Journal of Supercomputing, Volume 72, Issue 1, January 2016, pp. 275-294, ISSN: 0920-8542, DOI: 10.1007/s11227-015-1513-x				
8	Goran Nikolić, Bojan Dimitrijević, Tatjana Nikolić, Mile Stojčev, "Fifty Years of Microprocessor Evolution: From Single CPU to Multicore and Manycore Systems", Facta Universitatis, Series: Electronics and Energetics, Vol. 35, No 2, June 2022, pp. 155-186, https://doi.org/10.2298/FUEE2202155N				
9	Nedeljković Jelena, Nikolić Goran, Anđelković Marko, Nikolić Tatjana, "Software implemented implication-based online error detection", Proceedings of 59th International Scientific Conference on Information, Communication and Energy Systems and Technologies (ICEST2024), Sozopol, Bulgaria, July 1-3, 2024, pp. 189-192				
10	M. Andjelkovic, R. T. Syed, M. Pavlovic, F. Vargas, T. Nikolic, G. Ristic, M. Krstic, "Voltage Glitch Filter and Detector with Self-Checking Capability for FPGA Implementation", Proceedings of IEEE 33rd International Conference on Microelectronics (MIEL2023), Niš, Serbia, October 16th-18th, 2023, pp. 143-146				
Cumulative data of scientific, that is artistic and expert activity on the part of the lecturer					

Total number of citations	260	Number of domestic projects at which the lecturer currently participates	1
Total number of papers on the SCI (SSCI) list	19	Number of international projects at which the lecturer currently participates	1
Specializations			
Other data considered relevant			

Table 9.1 Scientific, artistic, and expert qualifications of the lecturer and their teaching duties

Last name, middle letter, first name			Nikolić S. Goran		
Title			Assistant professor		
The name of the institution in which the lecturer works full or part time and since when			University of Nis, Faculty of Electronic Engineering		
Specific scientific field			Electronics		
Academic career					
	Year	Institution	Scientific field	Specific scientific field	
Election	2023	University of Nis, Faculty of Electronic Engineering	Electrical and Computer Engineering	Electronics	
PhD	2019	University of Nis, Faculty of Electronic Engineering	Electrical and Computer Engineering	Electronics	
Specialization					
Magister	2010	University of Nis, Faculty of Electronic Engineering	Electrical and Computer Engineering	Electronics	
Master					
Diploma	2003	University of Nis, Faculty of Electronic Engineering	Electrical and Computer Engineering	Electronics	
List of courses the teacher is accredited to teach at the first or second cycle of studies.					
No.	Course code	Course name	Type of lectures	Study programme name	Type of studies
1	4OEE7C01	Automotive Electronics	L, E	Electrical Engineering and Computer Science	BAS
2	4OEE7O06	Embedded hardware and operating systems	L	Electrical Engineering and Computer Science	BAS
3	4OEE6O02	Microcontrollers	L, E	Electrical Engineering and Computer Science	BAS
4	4OEU5O04	Microcontrollers and Programming	L	Electrical Engineering and Computer Science	BAS
5	4OEE6B03	Data Acquisition and Conversion Techniques	L	Electrical Engineering and Computer Science	BAS
6	4OEU5A06	Data Acquisition and Conversion Techniques	L	Electrical Engineering and Computer Science	BAS
7	4MEE2A01	Real Time Operating Systems	L	Electronics and Embedded Systems	MAS
Representative references (at minimum 5, not more than 10)					
1	Goran S. Nikolić, Tatjana R. Nikolić, Goran Lj. Djordjević, "Adaptive Control Based on LMS Algorithm for Grid-Connected Inverters", Electric Power Components and Systems, 51:7, 2023, 656-668, DOI: 10.1080/15325008.2023.2180815				
2	Tatjana R. Nikolic, Goran S. Nikolic, Goran Lj. Djordjevic, "Distributed arbitration scheme for on-chip CDMA bus with dynamic codeword assignment", ETRI Journal / Electronics and Telecommunications Research Institute, Vol. 43, Issue 3, June 2021, pp. 471-482, ISSN: 2233-7326, https://doi.org/10.4218/etrij.2020-0016				
3	Tatjana R. Nikolic, Sandra M. Djosic, Goran S. Nikolic, Goran Lj. Djordjevic, "Token Ring Arbitration Scheme for On-Chip CDMA Bus Architectures", Microelectronics Journal, Volume 106, December 2020, Article 104923, https://doi.org/10.1016/j.mejo.2020.104923				
4	Goran S. Nikolic, Mile K. Stojcev, Tatjana R. Nikolic, Branislav D. Petrovic, Goran S. Jovanovic, Bojan R. Dimitrijevic, "Implementation and evaluation of 2D SEC-DED forward error correction scheme in wireless sensor networks", Microelectronics Reliability, Volume 78, November 2017, pp 161-180, ISSN: 0026-2714, 2017 Elsevier Ltd., http://dx.doi.org/10.1016/j.microrel.2017.08.010				
5	Goran S. Nikolic, Mile K. Stojcev, Tatjana R. Nikolic, Branislav D. Petrovic, Goran S. Jovanovic, "Reliable data transfer Rendezvous protocol in wireless sensor networks using 2D-SEC-DED encoding technique", Microelectronics Reliability, Volume 65, October 2016, pp 289-309, ISSN:0026-2714, 2017 Elsevier Ltd., https://doi.org/10.1016/j.microrel.2016.08.017				
6	Goran Nikolić, Goran Jovanović, Mile Stojčev, Tatjana Nikolić, "Precharged Phase Detector with Zero Dead-Zone and Minimal Blind-Zone" Journal of Circuits, Systems and Computers, Vol. 26, No. 11, 1750179, 2017, [16 pages], https://doi.org/10.1142/S0218126617501791				
7	Tatjana R. Nikolic, Goran S. Nikolic, Goran Lj. Djordjevic, Mile K. Stojcev, "Improving fault-tolerance capability of on-chip binary CDMA bus", The Journal of Supercomputing, Volume 72, Issue 1, January 2016, pp. 275-294, ISSN: 0920-8542, DOI: 10.1007/s11227-015-1513-x				
8	Goran Nikolić, Bojan Dimitrijević, Tatjana Nikolić, Mile Stojčev, "Fifty Years of Microprocessor Evolution: From Single CPU to Multicore and Manycore Systems", Facta Universitatis, Series: Electronics and Energetics, Vol. 35, No 2, June 2022, pp. 155-186, https://doi.org/10.2298/FUEE2202155N				
9	Tatjana Nikolić, Mile Stojčev, Goran Nikolić, Goran Jovanović, "Energy Harvesting Techniques In Wireless Sensor Networks", Facta Universitatis (Nis), Series: Automatic Control and Robotics (FU Aut Cont Rob), Vol. 17, No. 2, 2018, pp. 117-142, ISSN: 1820-6417, https://doi.org/10.22190/FUACR1802117N				
10	Goran S. Nikolić, Bojan R. Dimitrijević, Tatjana R. Nikolić, Mile K. Stojčev, "A Survey of Three Types of Processing Units: CPU, GPU and TPU", Proceedings of 57th International Scientific Conference on Information, Communication and Energy Systems and Technologies (ICEST2022), North Macedonia, Ohrid, June 16-18, 2022. Proceeding of Papers, pp. 371-376				

Cumulative data of scientific, that is artistic and expert activity on the part of the lecturer			
Total number of citations	74	Number of domestic projects at which the lecturer currently participates	1
Total number of papers on the SCI (SSCI) list	9	Number of international projects at which the lecturer currently participates	1
Specializations			
Other data considered relevant			

Table 9.1 Scientific, artistic, and expert qualifications of the lecturer and their teaching duties

Last name, middle letter, first name			Nikolić V. Saša		
Title			Full professor		
The name of the institution in which the lecturer works full or part time and since when			University of Niš, Faculty of Electronic Engineering		
Specific scientific field			Electronics		
Academic career					
	Year	Institution	Scientific field	Specific scientific field	
Election	2018	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Electronics	
PhD	2004	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Electronics	
Specialization					
Magister	1996	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Electronics	
Master					
Diploma	1991	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Electronics	
List of courses the teacher is accredited to teach at the first or second cycle of studies.					
No.	Course code	Course name	Type of lectures	Study programme name	Type of studies
1	4OEE4004	Animation 1	L	Electrical Engineering and Computer Science	BAS
2	4OEE5004	Animation 2	L	Electrical Engineering and Computer Science	BAS
3	4OEE7003	Character Animation	L	Electrical Engineering and Computer Science	BAS
4	4OEE8001	Video Production	L	Electrical Engineering and Computer Science	BAS
5	4OEE4002	Digital Signal Processing	L	Electrical Engineering and Computer Science	BAS
6	4OEE5003	Digital Image Processing	L	Electrical Engineering and Computer Science	BAS
7	4OEE7002	Camera and Editing	L	Electrical Engineering and Computer Science	BAS
8	4OEE4003	Multimedia Systems	L	Electrical Engineering and Computer Science	BAS
9	4OEE3005	Signals and Systems	L	Electrical Engineering and Computer Science	BAS
10	4OEE6005	Photography and Graphic Design	L	Electrical Engineering and Computer Science	BAS
11	4MUA1B06	Digital Image Processing	L	Control Systems	MAS
12	4MEE2A02	Video Signals Processing	L, E	Electronics and Embedded Systems	MAS
Representative references (at minimum 5, not more than 10)					
1	Jianhua Yhang, Zi Gao, Mian Yhou, Ruzu Liu, Xu Cheng, Saša V. Nikolić, Shengzong Chen: SVD-KD: SVD-based hidden lazer feature extraction for knowledge distillation, Pattern Recognition 167(2025) 111721				
2	Stevica Cvetković, Sandra Stanković, Saša V. Nikolić: BioEdgeNet: A compact deep residual network for stress recognition on edge devices, Biomedical Signal Processing and Control, 102 (2025) 107361				
3	Saša V. Nikolić, Nikola Stojanović, Negovan Stamenković, Ivan Krstić: "Optimum allpole filters with Chebyshev passband magnitude response", AEU - International Journal of Electronics and Communications, 135 (2021) 153740, https://doi.org/10.1016/j.aeue.2021.153740 M22, IF: 2.924				
4	Saša V. Nikolić, Goran Stančić, Stevica Cvetković: "Design of nearly linear phase double notch digital filters with close notch frequencies", IET Signal Processing, Vol. 12, Issue 9, December 2018, pp. 1107 –1114, Print ISSN1751-9675, Online ISSN1751-9683, DOI: 10.1049/iet-spr.2018.5090 M22, IF: 1.754				
5	Saša V. Nikolić, Ivan Krstić, Goran Stančić: "Non-iterative design of IIR multiple notch filters with improved passband magnitude response", International Journal of Circuit Theory and Applications, Volume 46, Issue 12, December 2018, pp. 2561-2567, DOI: https://doi.org/10.1002/cta.2525 M23, IF: 1.554				
6	Ivan Krstić, Saša V. Nikolić, Goran Stančić, Predrag Lekić: "Design of IIR Multiple-Notch Filters with Symmetric Magnitude Responses about Notch frequencies", Circuits, Systems and Signal Processing, (2018) 37: 5616. https://doi.org/10.1007/s00034-018-0841-5 M22, IF: 1.922				
7	Stevica S. Cvetković, Miloš B. Stojanović, Saša V. Nikolić: "Hierarchical ELM ensembles for visual descriptor fusion", Information Fusion, Elsevier, Volume 41, May 2018, pp. 16-24, ISSN 1566-2535, DOI: http://dx.doi.org/10.1016/j.inffus.2017.07.003 M21a, IF: 10.716				

8	Danilo Djordjević, Stevica Cvetković, Saša V. Nikolić: “An accurate method for 3D object reconstruction from unordered sparse views”, Signal, Image and Video Processing, Springer, Volume 11, Issue 6, pp. 1147-1154, 2017, DOI: http://dx.doi.org/10.1007/s11760-017-1069-8 M22, IF: 1.643		
9	Stevica Cvetković, Miloš B. Stojanović, Saša V. Nikolić: "Multi-channel descriptors and ensemble of Extreme Learning Machines for classification of remote sensing images", Signal Processing: Image Communication, Volume 39, November 2015, Pages 111-120, ISSN 0923-5965, http://dx.doi.org/10.1016/j.image.2015.09.004 M22, IF: 1.602		
Cumulative data of scientific, that is artistic and expert activity on the part of the lecturer			
Total number of citations	117	Number of domestic projects at which the lecturer currently participates	0
Total number of papers on the SCI (SSCI) list	16	Number of international projects at which the lecturer currently participates	0
Specializations			
Other data considered relevant			

Table 9.1 Scientific, artistic, and expert qualifications of the lecturer and their teaching duties

Last name, middle letter, first name			Petronijević P. Milutin		
Title			Associate professor		
The name of the institution in which the lecturer works full or part time and since when			University of Niš, Faculty of Electronic Engineering		
Specific scientific field			Electrical Power Engineering		
Academic career					
	Year	Institution	Scientific field	Specific scientific field	
Election	2022	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Electrical Power Engineering	
PhD	2012	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Electrical Power Engineering	
Specialization					
Magister	1999	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Electrical Power Engineering	
Master					
Diploma	1993	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Industrial Power Engineering	
List of courses the teacher is accredited to teach at the first or second cycle of studies.					
No.	Course code	Course name	Type of lectures	Study programme name	Type of studies
1	4OEP7A02	Electric Vehicles	L	Electrical Engineering and Computer Science	BAS
2	4OEP4O02	Electrical Installations and Lighting	L	Electrical Engineering and Computer Science	BAS
3	4OEU6B08	Low Voltage Electrical Installations	L	Electrical Engineering and Computer Science	BAS
4	4OEP7O02	Electrical Drives	L	Electrical Engineering and Computer Science	BAS
5	4OEU7B08	Electrical Drives	L	Electrical Engineering and Computer Science	BAS
6	4OEP5A03	Renewable Energy Sources and Energy Storage	L	Electrical Engineering and Computer Science	BAS
7	4OEP8O01	Electrical Drives - Selected Chapters	L	Electrical Engineering and Computer Science	BAS
8	4OEP8A01	Electrical Drives Project Design	L	Electrical Engineering and Computer Science	BAS
9	4OEP4A04	Software Tools in Electrical Power Engineering	L	Electrical Engineering and Computer Science	BAS
10	4OEP8A04	Special Electrical Machines	L	Electrical Engineering and Computer Science	BAS
11	4OEP4O01	Power Transformers	L	Electrical Engineering and Computer Science	BAS
12	4OEZ1O05	Introduction to Engineering	L	Electrical Engineering and Computer Science	BAS
13	4MEP2A01	Power Converters for Renewable Energy Sources	L	Electrical Power Engineering	MAS
14	4MEP2A02	Electrical Power Engineering Project Design	L	Electrical Power Engineering	MAS
15	4MEP2B03	Special Electrical Instalations	L	Electrical Power Engineering	MAS
16	4MEP1O02	Control of Power Converters and Drives	L	Electrical Power Engineering	MAS
17	4MEP2A04	Photovoltaic Systems	L	Electrical Power Engineering	MAS
Representative references (at minimum 5, not more than 10)					
1	Petronijević, M., Peruničić-Draženović, B., Milosavljiavić, Č., & Veselić, B. (2017). Discrete-time speed servo system design—a comparative study: proportional–integral versus integral sliding mode control. IET Control Theory & Applications, 11(16), 2671-2679.				
2	Petronijević, M. P., Milosavljević, Č., Veselić, B., Peruničić-Draženović, B., & Huseinbegović, S. (2021). Robust cascade control of electrical drives using discrete-time chattering-free sliding mode controllers with output saturation. Electrical Engineering, 1-15.				
3	Rosini, A., Petronijević, M., Filipović, F., Bonfiglio, A., & Procopio, R. (2024). Frequency and voltage communication-less control for islanded AC microgrids: Experimental validation via rapid control prototyping. International Journal of Electrical Power & Energy Systems, 162, 110313.				
4	Milosavljević, Č., Peruničić-Draženović, B., Veselić, B., & Petronijević, M. (2017). High-performance discrete-time chattering-free sliding mode-based speed control of induction motor. Electrical Engineering, 99, 583-593.				

5	Petronijević, M. P., Milosavljević, Č., Veselić, B., Huseinbegović, S., & Peruničić, B. (2023). Discrete time quasi-sliding mode-based control of LCL grid inverters. Facta Universitatis, Series: Electronics and Energetics, 36(1), 133-158.		
6	Čalasan, M., Radonjić, I., Micev, M., Petronijević, M., & Pantić, L. (2024). Voltage root mean square error calculation for solar cell parameter estimation: A novel g-function approach. Heliyon, 10(18).		
7	Amin, M. A., La Fata, A., Procopio, R., Invernizzi, M., Petronijevic, M., & Mitic, I. R. (2024, June). Photovoltaic Power Nowcasting Using Decision-Trees Based Algorithms and Neural Networks. In 2024 11th International Conference on Electrical, Electronic and Computing Engineering (IcETRAN) (pp. 1-6). IEEE.		
8	Peruničić-Draženović, B., Milosavljević, Č., Huseinbegović, S., Veselić, B., & Petronijević, M. (2023). Discrete-Time Sliding Mode Control for Electrical Drives and Power Converters. In Women in Power: Research and Development Advances in Electric Power Systems (pp. 443-466). Cham: Springer International Publishing.		
9	Kostić, V., Mitrović, N., Petronijević, M., Banković, B., & Filipović, F. (2024). SKEW CONTROL OF RAIL MOUNTED WIDE SPAN MULTI-MOTOR DRIVES. Facta Universitatis, Series: Automatic Control and Robotics, 23(1), 017-032.		
10	Dimitrijević, M., Petronijević, M., & Klimenta, D. (2025). Evaluation of Photovoltaic Inverters According to Output Current Distortion in a Steady-State and Maximum Power Point Tracking. Applied Sciences, 15(3), 1110.		
Cumulative data of scientific, that is artistic and expert activity on the part of the lecturer			
Total number of citations	196	Number of domestic projects at which the lecturer currently participates	1
Total number of papers on the SCI (SSCI) list	25	Number of international projects at which the lecturer currently participates	1
Specializations			
Other data considered relevant			

Table 9.1 Scientific, artistic, and expert qualifications of the lecturer and their teaching duties

Last name, middle letter, first name			Rančić Z. Lidija		
Title			Full professor		
The name of the institution in which the lecturer works full or part time and since when			University of Niš, Faculty of Electronic Engineering		
Specific scientific field			Mathematics		
Academic career					
	Year	Institution	Scientific field	Specific scientific field	
Election	2016	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Mathematics	
PhD	2005	University of Niš, Faculty of Sciences and Mathematics	Electrical and Computer Engineering	Mathematics	
Specialization					
Magister	1995	University of Niš, Faculty of Philosophy	Electrical and Computer Engineering	Mathematics	
Master					
Diploma	1988	University of Niš, Faculty of Philosophy	Mathematical Sciences	Mathematics	
List of courses the teacher is accredited to teach at the first or second cycle of studies.					
No.	Course code	Course name	Type of lectures	Study programme name	Type of studies
1	4OEM5A06	Differential equations	L	Electrical Engineering and Computer Science	BAS
2	4OEZ1O01	Mathematics 1	L	Electrical Engineering and Computer Science	BAS
3	4OEZ2O01	Mathematics 2	L	Electrical Engineering and Computer Science	BAS
4	4OEU4A01	Mathematical Methods	L	Electrical Engineering and Computer Science	BAS
5	4OEE4A03	Numerical Mathematics	L	Electrical Engineering and Computer Science	BAS
6	4OEM4A06	Numerical Mathematics	L	Electrical Engineering and Computer Science	BAS
7	4OER4A03	Numerical Algorithms	L	Electrical Engineering and Computer Science	BAS
8	4OEK6B01	Fourier Analysis and Applications	L	Electrical Engineering and Computer Science	BAS
9	4MEP1C02	Methods of mathematical optimization	L	Electrical Power Engineering	MAS
10	4MKK1A02	Numerical Solution of Equations	L	Communications and Information Technologies	MAS
Representative references (at minimum 5, not more than 10)					
1	Lidija Z. Rančić, Svetozar R. Rančić : Basins of attractions of new iterative methods for finding simple zeros, Facta Universitatis, Series: Mathematics and Informatics, Volume 39, Issue 5, (2024) 843 – 849.				
2	Lidija Rančić, Svetozar R. Rančić: Higher order family of simultaneous methods for finding simple zeros of analytic functions, The 6th International Conference Mechanical Engineering in XXI Century, December 14-15, 2023, Niš, Serbia				
3	Ivan Petković, Lidija Z. Rančić: Computational geometry as a tool for studying root-finding methods, Filomat 33:4 (2019), 1019-1027				
4	Lidija Rančić, Miodrag Petković, New simultaneous root-finding methods with accelerated convergence for analytic functions, Journal of Computational and Applied Mathematics, 296, (2016) 228-236				
5	Lidija Rančić, Family of simultaneous methods with corrections for approximating zeros of analytic functions, Filomat 29:10 (2015) 2217-2225				
6	Miodrag S. Petković, Lidija Z. Rančić: On the guaranteed convergence of a cubically convergent Weierstrass-like root-finding method, International Journal of Computer Mathematics, 92 6 (2015), 1303-1312.				
7	Miodrag S. Petković, Lidija Z. Rančić: On the guaranteed convergence of new two-point root-finding methods for polynomial zeros, Numerical Algorithms 67 1 (2014), 187-222				
Cumulative data of scientific, that is artistic and expert activity on the part of the lecturer					
Total number of citations	42	Number of domestic projects at which the lecturer currently participates			1
Total number of papers on the SCI (SSCI) list	20	Number of international projects at which the lecturer currently participates			0
Specializations					
Other data considered relevant					

Table 9.1 Scientific, artistic, and expert qualifications of the lecturer and their teaching duties

Last name, middle letter, first name			Stančić Z. Goran		
Title			Full professor		
The name of the institution in which the lecturer works full or part time and since when			University of Niš, Faculty of Electronic Engineering		
Specific scientific field			Electronics		
Academic career					
	Year	Institution	Scientific field	Specific scientific field	
Election	2024	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Electronics	
PhD	2013	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Electronics	
Specialization					
Magister	1999	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Electronics	
Master					
Diploma	1991	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Electronics	
List of courses the teacher is accredited to teach at the first or second cycle of studies.					
No.	Course code	Course name	Type of lectures	Study programme name	Type of studies
1	4OEE4O02	Digital Signal Processing	E	Electrical Engineering and Computer Science	BAS
2	4OEE5O07	Pulse and Digital Electronic Circuits	L, E	Electrical Engineering and Computer Science	BAS
3	4OEE5A03	Audio and Music Signal Processing	L	Electrical Engineering and Computer Science	BAS
4	4OEE3O05	Signals and Systems	E	Electrical Engineering and Computer Science	BAS
5	4MEE1A03	Adaptive Signal Processing	L	Electronics and Embedded Systems	MAS
Representative references (at minimum 5, not more than 10)					
1	Ivan Krstić, , Goran Stančić, Jasna Radulović, Design of linear-phase IIR integrators with maximally-flat and Chebyshev magnitude responses, Digital Signal Processing, vol. 166, 105400, 2025, https://doi.org/10.1016/j.dsp.2025.105400				
2	Goran Stančić, Ivan Krstić, Ivana Kostić and Miljan Petrović, Design of IIR full-band differentiators with improved nearly linear phase, Digital Signal Processing, vol. 144, 104276 , 2024. DOI: 10.1016/j.dsp.2023.104276,				
3	Igor Jovanović, Dragan Mančić, Goran Stančić, Miodrag Prokić, A new three-dimensional model of composite ultrasonic transducer, IEEE Sensor Journal, Vol. 24, No. 20, https://doi.org/10.1109/JSEN.2024.3452794 , September 2024, pp. 31901-31910				
4	Goran Stančić, Ivan Krstić and Stevica Cvetković, All-pass-based design of nearly-linear phase IIR low-pass differentiators, International Journal of Electronics, Vol. 107, No. 9, pp. 1451-1470, 2020. DOI: 10.1080/00207217.2020.1726498				
5	Goran Stančić, Ivan Krstić, Miloš Živković, Design of IIR fullband differentiators using parallel all'pass structure, ISSN 1051-2004 , Digital Signal Processing, Vol. 87, April 2019 , pp. 132-144. https://doi.org/10.1016/j.dsp.2019.01.026				
6	Goran Stančić, Miloš Đurić, Bojan Jovanović, Stevica Cvetković, A complexity analysis of IIR filters with an approximately linear phase, Radioengineering, ISSN 1210-2512 (Print), vol. 28, no. 2, pp. 430-438, 2019. DOI: 10.13164/re.2019.0430				
Cumulative data of scientific, that is artistic and expert activity on the part of the lecturer					
Total number of citations	85	Number of domestic projects at which the lecturer currently participates			1
Total number of papers on the SCI (SSCI) list	16	Number of international projects at which the lecturer currently participates			0
Specializations					
Other data considered relevant					

Table 9.1 Scientific, artistic, and expert qualifications of the lecturer and their teaching duties

Last name, middle letter, first name			Stanković Ž. Zoran		
Title			Full professor		
The name of the institution in which the lecturer works full or part time and since when			University of Niš, Faculty of Electronic Engineering		
Specific scientific field			Telecommunications		
Academic career					
	Year	Institution	Scientific field	Specific scientific field	
Election	2024	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Telecommunications	
PhD	2007	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Telecommunications	
Specialization					
Magister	2002	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Telecommunications	
Master					
Diploma	1994	University of Niš, Faculty of Electronic Engineering	Electrical and Computer Engineering	Computing and Informatics	
List of courses the teacher is accredited to teach at the first or second cycle of studies.					
No.	Course code	Course name	Type of lectures	Study programme name	Type of studies
1	4OEK7O03	Antennas and Propagation	L	Electrical Engineering and Computer Science	BAS
2	4OEK5O06	Wireless Communication Systems	L	Electrical Engineering and Computer Science	BAS
3	4OEK6C04	Short Range Wireless Systems	L	Electrical Engineering and Computer Science	BAS
4	4OEK8B02	Artificial Neural Networks in Radiocommunication Systems	L	Electrical Engineering and Computer Science	BAS
5	4OEK8B01	Microcontrollers and Applications in Communications	L	Electrical Engineering and Computer Science	BAS
6	4OEK8B03	Communication Hardware Programming	L	Electrical Engineering and Computer Science	BAS
7	4OEK7E04	Developing Applications for Communication Systems	L	Electrical Engineering and Computer Science	BAS
8	4OEK6O05	Computer Communications and Internet Technologies	L	Electrical Engineering and Computer Science	BAS
9	4OEK7E03	Computer Networks and Internet Access	L	Electrical Engineering and Computer Science	BAS
10	4MKS2A03	Adaptive antennas and MIMO systems	L	Communications and Information Technologies	MAS
11	4MKS1A04	Wireless computer networks and Internet access	L	Communications and Information Technologies	MAS
12	4MKS2A05	Artificial Intelligence and Machine Learning for Communication Systems	L, E	Communications and Information Technologies	MAS
13	4MKS1A08	Electromagnetic Compatibility	L	Communications and Information Technologies	MAS
14	4MEE1A05	RF Systems	L	Electronics and Embedded Systems	MAS
15	4MKS1A06	Radar Systems and Radiolocation	L	Communications and Information Technologies	MAS
16	4MKS2A04	Computer Communications	L	Communications and Information Technologies	MAS
17	4MKS1A03	Broadband Access Networks	L	Communications and Information Technologies	MAS
Representative references (at minimum 5, not more than 10)					
1	Zoran Ž. Stanković, Dragan I. Olčan, Nebojša S. Dončov and Branko M. Kolundžija, "Consensus Deep Neural Networks for Antenna Design and Optimization," in IEEE Transactions on Antennas and Propagation, vol. 70, no. 7, pp. 5015-5023, July 2022, (ISSN: 0018-926X, EISSN: 1558-2221) doi: 10.1109/TAP.2021.3138220.				
2	Zoran Stanković, Olivera Pronić-Rančić, Nebojša S. Dončov, “Advanced ANN model for DoA Estimation in Smart Textile Wearable Antenna Array Subsystem”, International Journal of Numerical Modelling: Electronic Networks, Devices and Fields, 2024; 37(1):e3130, (ISSN: 0894-3370, EISSN: 1099-1204) doi: 10.1002/jnm.3130.				
3	Zoran Stanković, Nebojša S. Dončov, Ivan Milovanović, Bratislav Milovanović, “Direction of arrival estimation of mobile stochastic electromagnetic sources with variable radiation powers using hierarchical neural model”, Int J RF Microw Comput Aided Eng., 2019; e21901. DOI: 10.1002/mmce.21901.				

4	Zoran Stanković, Nebojsa Doncov, Bratislav Milovanovic, Ivan Milovanovic, "Efficient DoA Tracking of Variable Number of Moving Stochastic EM Sources in Far-Field Using PNN-MLP Model," International Journal of Antennas and Propagation, vol. 2015, Article ID 542614, 11 pages, 2015, DOI:10.1155/2015/542614.
5	Marija Agatonović, Zoran Stanković, Ivan Milovanovic, Nebojša S. Dončov, L. Sit, T. Zwick, Bratislav D. Milovanović, "Efficient Neural Network Approach for 2D DOA Estimation Based on Antenna Array Measurements", Progress in Electromagnetics Research, PIER 137, pp. 741 - 758, 2013, ISSN: 1070-4698, E-ISSN: 1559-8985, DOI:10.2528/PIER13012114.
6	Miloš Kostić, Nebojša S. Dončov, Zoran Stanković, John Paul, "Efficient TLM-Based Approach for Compact Modeling of Anisotropic Materials and Composites", Applied Computational Electromagnetics Society (ACES) Journal, Volume 34, Number 1 (2019), pp.1-10, 2019, ISSN: 1054-4887 (hard-copy)
7	Dejan Nikolic, Nikola Stojkovic, Zdravko Popovic, Nikola Tosic, Nikola Lekic, Zoran Stankovic, Nebojsa Doncov, "Maritime Over the Horizon Sensor Integration: HFSWR Data Fusion Algorithm", Remote Sensing. 2019; 11(7):852. DOI: 10.3390/rs11070852.
8	Kristijan Kuk, Aleksandar Stanojević, Petar Čisar, Brankica Popović, Mihailo Jovanović, Zoran Stanković, Olivera Prnić-Rančić, "Applications of Fuzzy Logic and Probabilistic Neural Networks in E-Service for Malware Detection", Axioms 13, no. 9: 624, MDPI, 2024, (ISSN: 2075-1680) doi: 10.3390/axioms13090624.
9	Ivan Milovanović, Zoran Stanković, "Characteristics of Mesh Network Architecture Based on IEEE 802.11 and IEEE 802.16 Standards", 11th International Scientific Symposium INFOTEH-JAHORINA 2012, Proceedings, Jahorina, Bosnia and Herzegovina, March 21–23, 2012, Faculty of Electrical Engineering, East Sarajevo, pp. 428–433, 2012, ISBN: 978-99938-624-8-2.

Cumulative data of scientific, that is artistic and expert activity on the part of the lecturer

Total number of citations		Number of domestic projects at which the lecturer currently participates	
Total number of papers on the SCI (SSCI) list		Number of international projects at which the lecturer currently participates	

Specializations

Cumulative data of scientific, that is artistic and expert activity on the part of the lecturer

Other data considered relevant

Total number of papers on the SCI (SSCI) list

Specializations

Other data considered relevant

He has participated in 12 scientific research projects funded by the Ministry of Science of the Republic of Serbia. He was also a participant in a project funded by the Innovation Fund of the Republic of Serbia (Science and Industry Collaboration Program): "Smart 3D EM Simulation Environment for IoT and 5G" (2020–2022). He has been involved in the following international scientific research projects: the bilateral German–Serbian DAAD research project "Network Methods in Electromagnetic Field Modelling" (2011–2012), carried out in cooperation with the Technical University of Munich; the bilateral DAAD project "Advanced Modelling of Noisy Electromagnetic Field Propagation in Highly Integrated Electronic Circuit and System Environments" (2016–2017), also in cooperation with the Technical University of Munich; and the Science for Peace and Security Programme project "G5953 Advanced UAV-Based GPR Imaging Techniques for Explosive Detection" (2021–2024). He was a member of the working group of the European COST Action IC-1407 "Advanced Characterization and Classification of Radiated Emissions in Densely Integrated Technologies (ACCREDIT)" (2015–2019).