

EUROPEAN
CURRICULUM VITAE
FORMAT



Name

Address

Telephone - home

Telephone - office

Telephone - mobile

Fax

E-mail

Nationality

Date and Place of birth

WORK EXPERIENCE

• **Dates (from – to)**

• Name and address of employer

• Type of business or sector

• Occupation or position held

• Main activities and responsibilities

• **Dates (from – to)**

• Name and address of employer

• Type of business or sector

• Occupation or position held

• Main activities and responsibilities

• **Dates (from – to)**

• Name and address of employer

• Type of business or sector

• Occupation or position held

• Main activities and responsibilities

• **Dates (from – to)**

• Name and address of employer

• Type of business or sector

• Occupation or position held

• Main activities and responsibilities

PERSONAL INFORMATION

BRANISLAV M. RANDJELOVIĆ, PH.D.

**BULEVAR NIKOLE TESLE 17/3,
RS-18000 NIŠ, SERBIA**

+381 18 588988

+381 18 529365, +381 28 84164

+381 11 2067001

+381 69 1045949, +381 64 8665000

+381 18 588 399, +381 11 2067000

**bane@elfak.ni.ac.rs, bane@ceo.gov.rs, branislav.randjelovic@pr.ac.rs,
baneran@gmail.com.**

Serbia

26.08.1970. KNJAŽEVAC (SERBIA)



1995 -

University of Niš, Faculty of Electronic Engineering, Department of Mathematics, Aleksandra Medvedeva 14, 18000 Niš

www.elfak.ni.ac.rs

High Education

Assistant Professor at Department of mathematics

Lectures and exercises on various undergraduate courses organized by Department of Mathematics (Discrete Mathematics, Graph Theory, Linear Algebra, Mathematical Analysis, Numerical Mathematics)

2018 -

University of Priština, Faculty of Teacher Education, Department of Mathematics and Computer Science, Nemanjina bb, 28128 Leposavić

uf-pz.net

High Education

Assistant Professor, Head of Department for Mathematics and Informatics

Lectures and exercises on Methodics of Mathematic Teaching, Basics of Algebra and Geometry

2016-

Institute for Evaluation of Education Quality, Fabrisova 10, 11000 Beograd www.ceo.edu.rs

Education

Director/Manager

Management, Project and financial Management of Educational Projects in preschool, primary and secondary education in Serbia, quality assurance in education, external exams in education, research and analysis in education and introduction of new technologies in educational system.

2017 -

PE "Tržnica" Niš, Djuke Dinić 4a, 18000 Niš <http://www.trznicanis.rs>

Sales

Member of Executive Board, President

Management, Leadership and Management

- **Dates (from – to)** 2008 – 2012
- Name and address of employer Regional Center for Professional Development of Educators, Pariske komune bb, 18000 Niš
www.rcnis.edu.rs
- Type of business or sector Adult Education, Education of Teachers, Professional development of teachers, Education of Trainers
 - Occupation or position held Director/Manager
- Main activities and responsibilities Managment, Leadership and Management of International Educational Projects
- **Dates (from – to)** 2012 – 2015
- Name and address of employer Municipality of Nis, City Council, 7.jula 2, 18000 Niš
www.ni.rs
- Type of business or sector Local Municipality Government
 - Occupation or position held Member of City Council
- Main activities and responsibilities Responsible for sector of child care and social care
- **Dates (from – to)** 2013 – 2013
- Name and address of employer Business Incubator Center Nis, Sumadijska 2, 18000 Niš
www.bicnis.org.rs
- Type of business or sector Developing SMEs, Providing support for new SMEs
 - Occupation or position held Member of Governing Board
- Main activities and responsibilities Responsible for IT-education, Social Enteroreneuership and for cooperation with organisations and institutions of social care
- **Dates (from – to)** 2013 - 2020
- Name and address of employer **Kvalitet AD Nis**, Bul.Sv.Cara konstantina 82-86, 18000 Niš www.kvalitet.co.rs
- Type of business or sector Certification of quality systems
 - Occupation or position held Member of Executive Board, External director
- Main activities and responsibilities Managment, Consulting in IT-sector
- **Dates (from – to)** 2015-
- Name and address of employer **NGO Mathematical Club “Forget-me-not”**, Bulevar Nikole Tesle 17 lok.6, 18000 Nis
- Type of business or sector Non governmental organization
 - Occupation or position held President of governing board
- Main activities and responsibilities Management, Implementation of local small educational projects, especially with disabled children and children from marginal groups

EDUCATION

- Year 1994
- Name and type of organisation providing education and training Undergraduate studies
University of Niš, Faculty of Electronic Engineering, Aleksandra Medvedeva 14, 18000 Niš
- Principal subjects/occupational skills covered Computer Science, Information Technologies
- Title of qualification awarded Dipl.ing. in electrotechnics (CS & IT)
 - Level in national classification VII-1
- Year 2002
- Name and type of organisation providing education and training Postgraduate studies
University of Niš, Faculty of Electronic Engineering, Aleksandra Medvedeva 14, 18000 Niš
- Principal subjects/occupational skills covered Applied Mathematics
- Title of qualification awarded M.Sc. Master of Technical Sciences (Aplied Mathematics)
 - Level in national classification VII-2
- Year 2015
- Name and type of organisation providing education and training University of Niš, Faculty of Electronic Engineering, Aleksandra Medvedeva 14, 18000 Niš

Principal subjects/occupational skills covered

- Title of qualification awarded
- Level in national classification

Industrial and Applied Mathematics

Ph.D. in Technical Sciences (Industrial and Applied Mathematics)

VIII

SCIENTIFIC WORK

- Contributing Papers

Publications: M1x

1. E.I. Milovanovic, I.Z. Milovanovic, **B.M.Randjelovic**: Computing Transitive Closure Problem on Linear Systolic Arrays, Chapter in Book: Proceedings of III Intern.Conference Numerical Analysis and Applications 2004, Revised Selected Papers, Z.Li, L.Vulkov, J.Wasniewski (eds.), Springer, Berlin 2005, 416-423.

<http://www.springerlink.com/content/jyfahtq2tk2bgx7c/>

https://doi.org/10.1007/978-3-540-31852-1_50

(M13)

2. Z.Nikolic, K.Shinagawa, **B.Randjelovic**: A Method for Simulation of Grain Coarsening Due to Diffusion in Capillary Liquid Bridge, Chapter in Book: Proceedings of the III Advanced Ceramics and Applications Conference, Revised Selected papers, W.E.Lee, R.Gadow, V.Mitic, N.Obradovic (eds.), Atlantis Press, Amsterdam (2016), pp. 85-114.

http://link.springer.com/chapter/10.2991/978-94-6239-157-4_7

<https://doi.org/10.2991/978-94-6239-157-4>

(M13)

3. **B.Randjelovic**, Z.Nikolic: A Mathematical Model for Simulation of Intergranular μ -Capacitance as a Function of Neck Growth in Ceramic Sintering. In: Daras N., Rassias T. (eds) Computational Mathematics and Variational Analysis. Springer Optimization and Its Applications, vol 159. Springer, Cham. (2020) pp 403-420.

https://doi.org/10.1007/978-3-030-44625-3_22

(M13)

4. A.Jovanović, K.Zavišin, **B.Randjelović**: Development of Plurilingualism and Interculturalism as an Objective of Project-Based L2 Learning in Primary School Education, In: V.Savic, O.Cekic-Jovanovic (eds) Proceedings of the Intern.Conference PROFESSIONAL COMPETENCES FOR TEACHING IN THE 21ST CENTURY, Faculty of Education, Jagodina (2020) pp. 237-248

<https://doi.org/10.46793/pctja.19.237J>

(M13)

Publications: M2x

1. E.I. Milovanovic, I.Z. Milovanovic, **B.M.Randjelovic**: Computing Transitive Closure Problem on Linear Systolic Arrays, Lecture Notes in Computer Science 3401 (2005), 416-423.

<http://www.springerlink.com/content/jyfahtq2tk2bgx7c/>

(M23)

2. E.I. Milovanovic, I.Z. Milovanovic, M.P.Bekakos, **B.M.Randjelovic**: Finding Minimum Cost Spanning Tree On Bidirectional Linear Systolic Array, Filomat 23 (2009), 1-12.

<http://operator.pmf.ni.ac.rs/www/pmf/publikacije/filomat/2009/23-1-2009/f23-1-1.pdf>

(M23)

3. **B.Randjelovic**, K.Shinagawa, Z.Nikolic: A Mathematical Approach to Ostwald Ripening Due to Diffusion and Deformation in Liquid Bridge, Science of Sintering 45, Vol 3, International Institute for Science of Sintering, Serbian Academy of Science and Art (2013), 261-271.

http://www.iiss.sanu.ac.rs/download/vol45_3/vol45_3_02.pdf

(M22)

4. V.V.Mitic, G.Lazovic, V.Paunovic, N.Cvetkovic, d, S.Veljkovic, **B.Randjelovic**, B.Vlahovic, Fractal frontiers in microelectronic ceramic materials, Ceramics International, 2019, ISSN 0272-8842, Volume 45, Issue 7, Part B, May (2019), Pages 9679-9685,

<https://doi.org/10.1016/j.ceramint.2019.01.020>

<http://www.sciencedirect.com/science/article/pii/S0272884219300227>

(M21a)

5. Vojislav V. Mitic, Goran Lazovic, Vesna Paunovic, Sandra Veljkovic, **Branislav Randjelovic**, Branislav Vlahovic & Hans Fecht (2019) Electronic ceramics fractal microstructure analysis - Minkowski Hull and grain boundaries, Ferroelectrics, 545:1, 184-194,

<https://doi.org/10.1080/00150193.2019.1621704>

(M23)

6. A.Prijić, A.Ilić, Z.Prijić, E.Živanović, **B.Randjelovic**, On the Node Ordering of Progressive Polynomial Approximation for the Sensor Linearization, FACTA UNIVERSITATIS, Series Electronics and Energetics, Vol. 32, No 4, December 2019, pp. 539-554

<https://doi.org/10.2298/FUEE1904539P>

(M24)

7. Marjanović, M.; Prijčić, A.; **Randjelović, B.**; Prijčić, Z. A Transient Modeling of the Thermoelectric Generators for Application in Wireless Sensor Network Nodes. *Electronics* **2020**, *9*, 1015.
<https://doi.org/10.3390/electronics9061015> (M22)
8. J.Stevanovic, **B.Randjelovic**, E.Lazarevic, Reading habits of secondary school students in Serbia, Zbornik Instituta za pedagogoska istrazivanja, Vol. 52, (1) (2020), pp. 136-180
<https://doi.org/10.2298/ZIPI2001136S> (M24)
9. Vojislav V. Mitic, Goran Lazovic, **Branislav Randjelovic**, Vesna Paunovic, Ivana Radovic, Aleksandar Stajcic, Branislav Vlahovic Graph Theory Applied to Microelectromnic Intergranular Relations, *Ferroelectrics*, 570 (2021) (accepted for publishing)
<https://doi.org/10.1080/00150193.2020.1839265> (M23)
10. **Branislav Randjelovic**, Vojislav V. Mitic, Srdjan Ribar, Ivana Radovic, Aleksandar Stajcic, Igor Novakovic, Branislav Vlahovic. *Ceramics, Materials, Microelectronics and Graph Theory new Frontiers, Modern Physic Letters B* (2021) (accepted for publishing) (M23)
11. Vojislav V. Mitic, Srdjan Ribar, **Branislav Randjelovic**, Chun-An Lu, Ivana Radovic, Aleksandar Stajcic, Igor Novakovic, Branislav Vlahovic., *Neural Networks and Microelctronic Parameters Distribution Measurements depending on Sinthering Temperature and Applied Voltage, Modern Physic Letters B* (2021) (accepted for publishing) (M23)
12. Nikola Mitrović, Danijel Dankovic, **Branislav Randjelović**, Zoran Prijčić, Ninoslav Stojadinovic. Modeling of Static NBT Stressing in p-chanell VDMOSFETs using Least Square Method,.*Journal of Microelectronics, Components and Materials (MIDEM)* (2021) (accepted for publishing) (M23)

Publications: M3x

1. E.I. Milovanovic, I.Z. Milovanovic, **B.M.Randjelovic**, M.K. Stojcev: Systolic Implementation of Nonlinear Transformation of Two Sequences, International Conference "TELSIKS 2003", Faculty of EE, Nis, October 1-3, 2003, Proceedings of Papers, Vol.2, 592-595. (M33)
2. E.I. Milovanovic, I.Z. Milovanovic, **B.M.Randjelovic**, N.M.Stojanovic: A Problem of Selecting Systolic Algorithm for a Given Mathematical Method, Proceedings of International Conference "BC11-2003", Aristothel University of Thesalloniki, November 21-23, 2003, 419-425. (M33)
3. **B.M.Randjelovic**, E.I. Milovanovic, I.Z. Milovanovic, M.K. Stojcev: Multiplication of Rectangular Matrices on Linear Bidirectional Systolic Arrays, International Conference "CiiT4-2003", Bitola, Molika, December 11-13, 2003, Proceedings of Papers, 355-364. (M33)
4. I.Z. Milovanovic , E.I. Milovanovic, **B.M.Randjelovic**: Discrete Mathematics in Computer Science Education on FEEN, International Workshop on Computer Science Education, Bitola, Molika, December 11-13, 2003, Proceedings of Papers, pp. 159-161.
<http://tempus.elfak.ni.ac.rs/WSScSE/ProceedingsWCSE.htm> (M33)
5. I.Z. Milovanovic, E.I. Milovanovic, **B.M.Randjelovic**: Linear Systolic Arrays for Computing Transitive Closure, International Conference "UNITECH'04", Gatrovo, Nov 19-20, 2004, Proceedings of Papers Vol I, 326-330. (M33)
6. E.I. Milovanovic, I.Z. Milovanovic, **B.M.Randjelovic**: Computing Minimum Cost Spanning Tree On Unidirectional Linear Systolic Array, International Conference "ICEST'05", Nis, June 29-July 01, 2005, Proceedings of Papers, 437-440. (M33)
7. V. Manitatevic, J. Andjelkovic, **B.Randjelovic**: Empowerment of Teachers for Work with Gifted Children, International Conference EDUCATION BETWEEN TRADITION AND MODERNITY, Sep 22-24, 2011, Ohrid, Macedonia, Proceedings of Papers, Vol 2, 373-381.
<http://eprints.ugd.edu.mk/5768/2/TOM%202.pdf> (M33)
8. V. Pancic, V. Rancic. **B.Randjelovic**: Professional Development of Teachers in Serbia - Beginnings, Current state, Trends, 37th ATEE International Conference - TEACHER EDUCATION POLICIES AND PROFESSIONALISATION , Aug 25-29, 2012, Eskisehir, Turkey, Proceedings of Papers, 269-276.

9. D.Stanojevic, **B.Randjelovic**: Educational Standards for the Subject Digital Literacy in the Functional Primary Adult Education, 6th International Conference TECHNICS AND INFORMATICS IN EDUACTION, May 28-29, 2016, Faculty of Techncl Science Cacak, Serbia, Proceedings of Papers, 82-87.

<http://www.ftn.kg.ac.rs/konferencije/tio2016/Radovi%20TIO%202016/EN/Proceedings%20TIO%202016.pdf>

(M33)

10. J.Ivkovic, A.Veljovic, **B.Randjelovic**, V.Veljovic: ODROID/XU4 as a Desktop PC and Microcontroller Development Boards Alternative, 6th International Conference TECHNICS AND INFORMATICS IN EDUACTION, May 28-29, 2016, Faculty of Techncl Science Cacak, Serbia, Proceedings of Papers, 439-444.

<http://www.ftn.kg.ac.rs/konferencije/tio2016/Radovi%20TIO%202016/EN/Proceedings%20TIO%202016.pdf>

(M33)

11. **B.Randjelovic**, D.Stanojevic, Z.Stankovic: Knowledge Quez – Contemporary Teaching Method in First Cycle of Primary Education, Scientific Conference ITEO16, Sep 30 – Oct 01, 2016, University APEIRON, BanjaLuka, Proceedings of Papers, 67-72 (Serbian).

<http://www.iteo.rs.ba/sites/default/files/ITeO-Zbornik-radova-2016.pdf>

(M33)

12. D.Stanojevic, A.Rosic, **B.Randjelovic**, Z.Stankovic: Use of BBC Micro:bit in teaching technical and IT education, Scientific Conference SINTEZA 2017, Apr 27, 2017, University Singidunum, Belgrade, Proceedings of Papers, 231-235 (Serbian).

<http://portal.sinteza.singidunum.ac.rs/Media/files/2017/Sinteza-2017.pdf>

(M33)

13. M.Mitrovic, S.Crvenkovic, **B.Randjelovic**: Constructive Semigroups with Apartness: Foundatinos and (possible) Applications International Conference of Stochastic Processes and Algebraic Structures – from Theory towards Applications, SPAS 2017, Book of Abstracts, Oct 4-6, 2018, Malardalen University and Stockholm University, Vasteras, Sweden.

<http://www.ftn.kg.ac.rs/konferencije/tio2016/Radovi%20TIO%202016/EN/Proceedings%20TIO%202016.pdf>

(M34)

14. M.Milošević, D.Milošević, **B.Randjelović**, Višekriterijumska analiza IKT u konceptu pametnog grada, X međunarodni naučno stručni skup ITEO 2018, Sep 28-30, 2018, , University APEIRON, BanjaLuka, Proceedings of Papers, 423-428 (Serbian).

<http://www.iteo.rs.ba/sites/default/files/ZBORNIK-ITeO-2018.pdf>

(M33)

15. D.Milošević, D.Stević, M.Milošević, **B.Randjelović**, A.Milošević, FCM algorithm for the classification of natural ambient from multispectral Landsat 7 images, XIV Int.SAUM Conference on Szstems, Automatic Control and Measurments, Niš, Serbia, Nov 14-16, 2018. Proceedings of Papers, 81-85.

(M33)

16. A.Jovanovic, K.Zavisin, **B.Randjelovic**: Development of Plurilingualism and Interculturalism as an Objective of Project-Based L2 Learning in Primary School Education, International Sci.Conf. Professional Competences for Teaching in the 21st Century, May 23-25 2019, Univesity of Kragujevac, Faculty of education in Jagodina, Invited lecture, Proceedings of Abstracts.

(M32)

17. D.Stanojevic, **B.Randjelovic**, A.Rosic: Educational standards in mathematics for the end of secondary education - Analysis of students achievements, International Sci.Conf. Research in Mathematics Education, Belgrade, May 10-11 2019, Proceedings of papers, p.30-39

<https://dms.rs/wp-content/uploads/2019/12/Zbornik-ERME.pdf>

(M33)

18. **B.M. Randjelović** and Z.S. Nikolić, Graph theory applied to modeling and simulation of microstructure evolution in sintering (Invited Lecture INV-MS 3), Advanced Ceramics and Applications VIII: New Frontiers in Multifunctional Material Science and Processing, Book of Abstracts, Eds. V. Mitić, L. Mančić, N. Obradović, Belgrade, Serbian Ceramic Society, 23-25 September 2019, p. 38 ISBN 978-86-915627-7-9

(M34)

19. V. Mitlić, G. Lazović, **B.M. Randjelović**, V. Paunović, J.M. Wu D.Mancić,, J.R. Hwu, Fractal Microeletronic Frontiers and Graph Theory Applications, International Conference MS&T 2019, Book of Abstracts, Portland, USA, 29 September – 03 October 2019

(M34)

20. A.Rosić, **B.M. Randjelović**, D. Stanojević, On a Relation Between Rook polynomials nad

Graph Theory, 2nd International Conference on Stochastic Processes and Algebraic Structures "From Theory toward Applications" Vasteras, SWE, 30 September – 02 October 2019, Book of Abstracts, pp 113. (M34)

21. **B.Randjelovic**, E.Karalic, D.Djukic:, The Digitalization of the Learning Process in Serbia During COVID-19 Crisis, Proceedings of Int.Sci.Conf. "Nauka i nastava u vaspitno-obrazovnom kontekstu", Pedagogski fakulteta Uzice (2020) pp.203-216
DOI: 10.46793/STEC20.203R (M33)

22. **B.Randjelovic**, K.Aleksic, D.Stanojevic: Online self-assesment as preparation for final exam in primary schools – experience from COVID19 crisis, Proceedings of International conference on Applied Internet and Information Technologies AIIT2020, Technical faculty Zrenjanin (2020) (Accepted for conference) (M33)

23. E.Karalic, **B.Randjelovic**, D.Djukic: Ocena kao factor motivacije učenika:Teorijska polazista i zakonski okvir, Int.Sci.Conf. "Motivation in Education", Book of Abstracts, Belgrade (2020) pp. 46-47 (M34)

24. V. Mitlić, G. Lazović, C.A.Lu, I.Radovic, V. Paunović, A. Stajcic, **B.Randjelović**, S.Ribar, B. Vlahovic, Investigation of intergranular dielectric properties within the relation between fractal, graph and neural networks theories, International Conference Electronic Materials and Applications 2021, (accepted for publishing) (M34)

Publications: M4x

1. **B.Randjelovic**, D.Stanojevic, S.Mlnic: Analysis of framework of digital competences for teachers in Serbia and teachers in European Union, Invited Lecture on Scientific Conference "Inovative approach to education: situation, dilemmas and perspectives", May 31, 2019, University of Kosovska Mitrovica, Faculty of Teachers Education Leposavic, Proc.of Papers 35-43 (M45)

Publications: M5x

1. **B.M.Randjelovic**, L.V. Stefanovic, B.M. Dankovic: Numerical Solution of Impulsive Differential Equation, Facta Univ. Ser. Math. Inform. 15 (2000), 101-111.
<http://facta.junis.ni.ac.rs/mai/mai15/f15-10.pdf> (M51)

2. E.I. Milovanovic, I.Z. Milovanovic, **B.M.Randjelovic**, I.C. Jovanovic: Matrix Multiplication on Bidirectional Systolic Arrays, Filomat 17 (2003), 135–141.
<http://www.pmf.ni.ac.rs/pmf/publikacije/filomat/Dokumenta/17-12.pdf> (M51)

3. **B.M.Randjelovic**, E.I. Milovanovic, I.Z. Milovanovic: Systolic Algorithms for Matrix Multiplication on Space Optimal 1D Systolic Arrays, Facta Univ. Ser. Math. Inform. Vol.29 No.3 (2014), 243-259.
<http://casopisi.junis.ni.ac.rs/index.php/FUMathInf/article/view/374/pdf> (M51)

4. E.I. Milovanovic, **B.M.Randjelovic**, I.Z. Milovanovic, N.M. Novakovic: Systolic Array Synthesis Under Predefined Constraints, J.of Electrotechn. and Mathematics 8, No. 1 (2003), 31-38. (M52)

5. **B.M.Randjelovic**, E.I. Milovanovic, I.Z. Milovanovic, M.P.Bekakos: Bidirectional Linear Systolic Arrays for Matrix Multiplication, Journal of Technical University of Gabrovo 31 (2005), 98-102.
<http://www.tugab.bg/izvestia/tom31/INDEX.HTM>
<http://www.tugab.bg/izvestia/Tom31/TEMS/Section2/12.htm> (M52)

6. I.Z. Milovanovic, E.I. Milovanovic, **B.M.Randjelovic**, D.C. Dolicanin: Minimum Cost Spanning Tree On Unidirectional Linear Systolic Array, Journal of Technical Sciences and Mathematics 10, No. 1 (2005), 1-11. (M52)

7. E.I.Milovanović, **B.M.Randjelovic**, I.Ž.Milovanović, M.K.Stojčev: Matrix Multiplication on Linear Bidirectional Systolic Arrays, Scientific Publications Of The State University of Novi Pazar, Series A:Applied mathematics, Informatics and Mechanics, No 1, Vol 2, State University of Novi Pazar (2010), 11-20.
<http://www.np.ac.rs/index.php/en/preuzimanjasve/publications/vol2br1/184-matrix-multiplication-on-linear-bidirectional-systolic-arrays/download> (M52)

8. **B.Randelović**, J.Petrović, J.Nedeljković: SOME REMARKS ABOUT IMPLEMENTATION OF

9. **B.Randelović**, I.Radojković, B.Gajić: One Application of Discrete Mean Square Approximation For Prediction of Voluntary Pension Fund Development, Appl.Math.and Comp.Science, University of Nis, Faculty of Science, 2021 (accepted for publishing) ISSN 2466-5401 (M53)

10. E.Karalic, D Djukic, **B.Randelović**: Vizija i putevi ka kvalitetnom obrazovanju u Srbiji, Zbornik radova Uciteljskog fakulteta u Leposavici 14, 2020 (Accepted for publishing) (M51)

11. **B.Randelović**, A.Novaković: Medieval Literature and Electronic Resources In The XXI Century School, Crkvene studije 18, 2021 (Accepted for publishing, in Serbian) (M51)

12. E.Karalic, **B.Randelović**: Serbian Medieval Literature in Primary and Grammar School Curricula and Student Achievement Standards, Crkvene studije 19, 2022 (Accepted for publishing, in Serbian) (M51)

Publications: M6x

1. E.I. Milovanovic, M.P.Bekakos, I.Z. Milovanovic, **B.M.Randjelovic**, N.M.Stojanovic: Odredjivanje najkracih puteva u grafu na regularnom linearnom bidirekcionom sistolickom polju, International Conference "ETRA '04", Cacak, June, 06-10, 2004, Proceedings of Papers Vol III, 159-162. (Serbian). (M63)

2. E.Mulalic, L.Stoimenov, **B.Randjelovic**: Genetic Algorithm with Optimization Methods in School Timetabling Problems, Scientific Conference "YUINFO 2007", Kopaonik, March 11-14, 2007.
<http://www.e-drustvo.org/yuinfo2007resume.htm> (M63)

3. J. Andjelkovic, V. Rancic, V. Pancic, **B.Randjelovic**: Analiza zastupljenosti akreditovanih programa vezanih za rad sa darovitim decom, International Conference U SLUZBI TALENATA 2011, March 19, 2011, Kanjiza, Proceedings of Papers, 20-30 (Serbian).
<http://www.rckanjiza.edu.rs/wp-content/uploads/2012/02/Konferencija-2011.pdf> (M63)

4. Z.Nikolic, K.Shinagawa, **B.Randjelovic**: Computer simulation of diffusion phenomena in capillary liquid bridge, Scientific Conference "YUINFO 2015", Kopaonik, March 08-11, 2015, 278-283. <http://www.yuinfo.org/YUINFO%202015%20zbornik.pdf> (M63)

5. A.Rosic, D.Stanojevic, **B.Randjelovic**: The Development of Entrepreneurship as a Cross-curricular Competence in Mathematical Teaching at all Levels of Education, Sci.Conf.ITOP 2016, September 10-11, 2016, Cacak, Proceedings of Papers, 405-413 (Serbian).
<http://www.ftn.kg.ac.rs/konferencije/ITOP16/Zbornik%20radova%20ITOP16.zip> (M63)

6. M.Mitrovic, S.Crvenkovic. **B.Randjelovic**: Constructive Semigroups with Apartness: Foundations of Order Theory, 6th International Conference Logic and Applications LAP 2017, Book of Abstracts, University of Nvi Sad, Sep 18-22 2017, Dubrovnik, Croatia, 34-37.
http://imft.ftn.uns.ac.rs/math/cms/uploads/Main/LAP_2017_Book_of_Abstracts.pdf (M64)

7. **B.Randjelovic**, G.Capric, T.Rankovic: SHARE project – A horizontal learning for school quality improvement, , Proceedings of Papers 13th International Conference DAYS OF APPLIED PSYCHOLOGY 2017, Faculty of Philosophy, University of Nis, Sep 29 – 30, 2017, Nis, Serbia 18-18 (Serbian).
<http://www.psihologijanis.rs/dpp/Book%20of%20abstracts.pdf> (M64)

8. **B.Randjelovic**, J.N.Tomic: Uvodjenje opstih i medjupredmetnih kompetencija I promena nastavne prakse – analiza zasnovana na predlozima i sugestijama nastavnika, OBRAZOVNE PROMENE U SRBIJI: IZAZOVI I PERSPEKTIVE, Zbornik rezimea, Institut za pedagoška istraživanja Beograd, Ekonomski fakultet Univerziteta u Beogradu, Zavod za unapredjivanje obrazovanja I vaspitanja, Zavod za vrednovanje kvaliteta obrazovanja, Beograd Okt 20 – 21, 2017, Beograd, Serbia 71-71 (Serbian). (M64)

9. M.MITROVIĆ, S.CRVENKOVIĆ, **B.RANDJELOVIĆ** Constructive Semigroup with Apartness: Foundations of Order Theory – II, The 4th International Conference Mechanical Engineering in XXI century, April 19-20, 2018, Nis, Serbia. Proceedings of papers 81-88 (M63)

10. **B.Randjelovic**, D.Stanojevic, S.Mlnic: Analysis of framework of digital competences for teachers in Serbia and teachers in European Union, Sci.Conf. "Inovative approach to education: situation, dilemmas and perspectives", May 31, **2019**, University of Kosovska Mitrovica, Faculty of Teachers Education Leposavic, Proceedings of Abstracts (Serbian) **(M34)**

Publications: M7x

1. **B.M.Randjelovic**: Projection of 3D Oriented Coordinate Graphs On a Plane And a Line And Application In Systolic Array Synthesis, Ph.D.Dissertation, University of Nis, Faculty of Electronic Engineering, Nis, June 2015. **(M71)**

2. **B.M.Randjelovic**: Approximation of Linear Functionals by Quadrature Methods, M.S.Thesis, University of Nis, Faculty of Electronic Engineering, Nis, May 2002. **(M72)**

Publications: M8x

1. D.Rančić, I.Antolović, M.Bogdanović, A.Milosavljević, M.Kovačević, A.Dimitrijević, V.Mihajlović, B.Predić, M.Roganović, N.Jajac, P.Eferica, **B.Randjelovic**, "Web GIS-KP-prototip", Technical Solution University of Nis, Faculty of Electronic Engineering, (2014). **(M85)**

2. D.Rančić, I.Antolović, M.Bogdanović, A.Milosavljević, M.Kovačević, A.Dimitrijević, V.Mihajlović, B.Predić, M.Roganović, N.Jajac, P.Eferica, **B.Randjelovic**, "Web GIS-KP-prototip modula za 2D vizuelizaciju klimatskih podataka", Technical Solution University of Nis, Faculty of Electronic Engineering, (2014). **(M85)**

3. D.Rančić, D.Stojanović, B.Predić, M.Kovačević, M.Roganović, N.Jajac, N.Davidović, A.Milosavljević, A.Dimitrijević, V.Mihajlović, I.Antolović, P.Eferica, **B.Randjelovic**, N.Stojanović, "Mobilni GIS-KP - proširenje za prikupljanje podataka", Technical Solution University of Nis, Faculty of Electronic Engineering, (2014). **(M85)**

4. V.Rančić, V.Pančić, **B.Randjelovic**, "NI-MON 2011, Rezultati monitoringa i primene programa stručnog usavršavanja u 2010-11", Reg.centar za prof.razvoj zaposlenih u obrazovanju, Niš, (2011). ISBN 978-86-88857-00-0 COBISS.SR-ID 185900044 **(M86)**

5. V.Rančić, V.Pančić, M.Čirić, V.Manitašević, J.Anđelković, N.Čirić, V.Stanković, O.Petrović, **B.Randjelovic**, "NI-MON 2012, Rezultati monitoringa i primene programa stručnog usavršavanja u 2011-12", Reg.centar za prof.razvoj zaposlenih u obrazovanju, Niš, (2012). ISBN 978-86-88857-03-1 COBISS.SR-ID 191788556 **(M86)**

6. **B.Randjelovic**, V.Pančić, V.Tesla, V.Manitašević, V.Rančić, M.Krnjajić, J.Anđelković, O.Petrović, "PUT NA ISTOK – Promocija stručnog usavršavanja nastavnika u gradovima istočne Srbije (područje Školske uprave Zaječar), Promocija rada Centara za stručno usavršavanje u gradovima istočne Srbije (područje Školske uprave Zaječar)", Reg.centar za prof.razvoj zap. u obrazovanju, Niš, (2012). ISBN 978-86-88857-04-8 COBISS.SR-ID 192876300 **(M86)**

7. **B.M.Randjelovic**: Prijemni ispit iz matematike na ETF u Nisu 2002, Tangenta 29 (2002/03), pp. 45-46 (Serbian). **(M86)**

8. **B.M.Randjelovic**: Prijemni ispit iz matematike na i MF u Nisu 2002, Tangenta 29 (2002/03), pp. 47-48 (Serbian). **(M86)**

9. I.Z.Milovanovic, **B.M.Randjelovic**: Prijemni ispit iz matematike na ETF u Nisu 2003, Tangenta 33 (2003/04), pp. 47-48 (Serbian). **(M86)**

10. A.Stojanovic, J. Vukovic, I.Stankovic, **B.Randjelovic**, "Stigmatizacija mladih LGBT osoba od strane drzavnih institucija", Centar za socijalni rad „Sveti Sava”, Niš, (**2016**). ISBN 978-86-920449-0-8 COBISS.SR-ID 226643212 **(M86)**

• Books and Text-books

Publications: Text-Books

1. I.Z. Milovanovic, **B.M.Randjelovic**: Solved Problems for preparing an Mathematic exam, Faculty of Electronic Engineering, Nis, 2000, VII+151 pp. (Serbian)

2. I.Z.Milovanovic, E.I.Milovanovic, **B.M.Randjelovic**: Discrete Mathematics - Collection of

Problems, Faculty of Electronic Engineering, Nis, 2001, V+192 pp. (Serbian)

3. I.Z.Milovanovic, **B.M.Randjelovic**: Mathematics - Collection of Tests, Faculty of Electronic Eng., Nis, 2007, (1st ed. 2002, 2nd ed. 2005, 3rd rev. and suppl.ed. 2007) VII+122 pp. (Serbian)

4. I.Z.Milovanovic, **B.M.Randjelovic**: Mathematics - Practice, Published by authors, 2004, VI+127 pp. (Serbian).

5. L.V.Stefanovic, **B.M.Randjelovic**, M.M.Matejic: Theory of Series - for students of technical faculties, SKC, Nis, (1st ed. 2006, 2nd rev. and suppl.ed. 2013), V+103 pp. (Serbian).

6. I.Z.Milovanovic, E.I.Milovanovic, R.M.Stankovic, **B.M.Randjelovic**: The Elements of Discrete Mathematics, High Bussines School, Blace, 2008, V+312 pp. (Serbian)

7. M.M.Matejic, L.V.Stefanovic, **B.M.Randjelovic**, I.Z.Milovanovic: Mathematics – Complets of Problems for Entrance Exam, Faculty of Electronic Engineering, Nis, (1st ed. 2010, 2nd rev. and suppl.ed. 2011), VII+151 pp. (Serbian)

8. I.Z.Milovanovic, E.I.Milovanovic, **B.M.Randjelovic**: Selected Chapters from Graph Theory – text-book for accredited seminar No.112, Regional Center for Professional Development of Educators, Nis, 2011, V+98 pp. ISBN 978-86-88857-01-7 COBISS.SR-ID 186806028 (Serbian)

9. I.Z.Milovanovic, E.I.Milovanovic, **B.M.Randjelovic**: Selected Chapters from Graph Theory 2 – text-book for accredited seminar No.113, Regional Center for Professional Development of Educators, Nis, 2011, V+102 pp. ISBN 978-86-88857-02-4 COBISS.SR-ID 186805516 (Serbian)

• Participations in Scientific Projects,
(all financed by Ministry of Education
and Science of Serbia)

1. Methods and Models in Theoretical, Applied and Industrial Mathematics (1996-2000)
2. Applied Orthogonal Systems, constructive Approximations and Numer.Methods (2002-2004)
3. Paralel Linear Algebra (2005)
4. Parallel methods and algorithms in Discrete Mathematics (2006-2010)
5. Research on Climatic Changes and Their Effects on Enviroment (2011-2020)
6. IKFAM (2011-2020)

• Participations in Educational and
Other Projects

1. Participant on International Educational Project Tempus CD_JEP-16160-2001 -"Innovation of Computer Science Curriculum in Higher Education", financed by EU, 2002-2005,
<http://tempus.elfak.ni.ac.rs/JEP.htm>
2. Project Manager (at regional level) of International Educational Project **PDP-III**, financed by Suisse (Swiss Deveopment and Cooperation Office Belgrade), 2009-2010,
http://www.swiss-cooperation.admin.ch/serbia/en/Home/Domains_Programs_and_Small_Projects/ressources/resource_en_213741.pdf
3. Project Manager (at regional level) of International Educational Project **PDP-IV**, financed by Suisse (Swiss Deveopment and Cooperation Office Belgrade), 2010-2012,
http://www.swiss-cooperation.admin.ch/serbia/en/Home/Domains_Programs_and_Small_Projects/ressources/resource_en_213741.pdf
4. Project Manager (at regional level) of International Educational Project **GIZ-BOSS**, financed by Germany (Deutsche Gesselschaft fur Internationale Zusammenarbeit Belgrade), 2011-2012.
<http://profesionalnaorijentacija.org/>
5. Expert and Lecturer on International Project **Empowering people for more Jobs and Better Quality of Life**, Malta 2007-2013, in cooperation with Fraunhofer Institute Germany, financed by EU Social Fund, Operational program II - Cohesion Policy 2007-2013.
<https://investinginyourfuture.gov.mt/project/education/professional-development-programmes-for-mcast-staff-and-students-top-up-degrees-33947739>
6. Key Skill Expert on International Project ESF 3.102 **Inclusion for Employment (Provision of Services of Experts to Design Syllabi, Teaching and Learning Resources and Production of Course Packs of MCAST Levels 1, 2, and 3 Courses and the Pathway Programme)**, Malta 2013-2015, financed by EU Social Fund 2013-2015.
<http://mapits.arette.hr>
7. Project Manager on Educational Project **Roma Children Could Go To High School Too**, (professional orientation of Roma children, on transition from primary to secondary school) 2015-2016, implemented by NGO Mathematical Club "Forget-Me-Not" Nis, financed by National Employment Sevice of Serbia.

<https://www.facebook.com/mknezaboravak>

8. Project Manager and Key-skill Expert on Educational Project **Mathematics For All – 1**, (support in mathematical skills for Roma children, in last year of primary school) 2015 -2016, implemented by NGO Mathematical Club “Forget-Me-Not” Nis, financed by Municipality of Nis.

<https://www.facebook.com/mknezaboravak>

9. Project manager on regional level on educational project **aSELFIE – Digital award for schools**, (support in digital skills for teachers in schools) 2020-2022, implemented by Institute for Education Quality and Evaluation, Belgrade, financed by ERASMUS+.

<https://digitalschoolsawardsie.sharepoint.com/sites/A-SELFIE>

11. Project manager (sub-component) on educational project **New Opportunities for Adults within European Employment and Social Innovation Program (EaSI) 2014-2020 in Serbia**, (UP-NoW) 2020, implemented by Institute for Education Quality and Evaluation, Belgrade, financed by EaSI. <http://upnow.rs>

12. Project manager (sub-component) on educational project **Serbia at Your Fingertips – Digital Transformation for Development**, 2020, implemented by Institute for Education Quality and Evaluation, Belgrade, financed by UNDP.

<https://www.rs.undp.org/content/serbia/en/home/projects/digital-transformation.html>

13. Project manager (sub-component) on educational project **EU support for Roma Children for Continuing Secondary Education**, 2020-2021, implemented by Institute for Education Quality and Evaluation, Belgrade, financed by EU, IPA 2014.

<http://www.mpn.gov.rs/podrska-evropske-unije/>

14. Project manager (sub-component) on educational project **Security Culture in the Youth World**, 2020-2021 implemented by Institute for Education Quality and Evaluation and association DUGA, Belgrade, financed by OSCE.

PERSONAL SKILLS

MOTHER TONGUE **SERBIAN**

OTHER LANGUAGES

- | | |
|------------------|-----------------------------|
| • Reading skills | ENGLISH
Excellent |
| • Writing skills | Very Good |
| • Verbal skills | Very good |
| | GERMAN |
| • Reading skills | Good |
| • Writing skills | Good |
| • Verbal skills | Good |

TECHNICAL SKILLS AND COMPETENCES
COMPUTER SKILLS, PROGRAMMING,
MS WORD, MS POWERPOINT, MS EXCEL, COREL DRAW, TEX, "C"

OTHER SKILLS AND COMPETENCES

1. Author and Trainer of accredited (by Ministry of Education and Science) seminar for teachers in primary and secondary schools **Selected chapters from Graph Theory**, for teachers of Informatics, Computer Science and Mathematics (2011-2014),
2. Author and Trainer of accredited (by Ministry of Education and Science) seminar for teachers in primary and secondary schools **Selected chapters from Graph Theory 2**, for teachers of Informatics, Computer Science and Mathematics (2011-2014),
3. Author and Trainer of accredited (by Ministry of Education and Science) seminar for teachers in primary and secondary schools **Education on first place**, for teachers in primary and secondary schools (2010-2012),
4. Experienced Trainer for various trainings (**E-management, Time-management...**),
5. Experienced Trainer for Rotary Leaders (held positions D2481 Secretary 2009-10, D2483 Interact Chair 2011-12, D2483 Secretary 2012-13, D2483 CADG 2014-15, D2483 DGN 2015-16).

DRIVING LICENCE(S) attained 1990.

MEMBERSHIP IN ORGANISATIONS

Serbian Mathematical Society, Rotary International

FAMILLY

- Marital status Married with Valentina
- Children 3 children: Petar (20), Kosta (18), Anja (11)