

VALENTINA GGOVSKA

CURRICULIM VITAE

BASIC INFORMATION

- **Name:** Valentina Gogovska
- **Date of birth:** June 15, 1973, Tetovo, Republic of Macedonia
- **Citizenship:** R Macedonia
- **Title of present position:** Assistant Professor
- **Highest degree earned:** PhD in Mathematics Education
- **Major discipline:** Mathematics Education
- **Research interests:** Mathematics Education, Problem Solving Skills, Teaching, Learning, Pedagogy and Education Didactics, Curriculum Development, Mathematical Modelling, Instructional Design, Logic and Foundations of Mathematics, Number Theory, Mathematics
- **Marital status:** Married, three children
- **E-mail:** valet@pmf.ukim.mk, valentinagogovska@gmail.com
- **Office phone:** ++389 2 3249 651

ACADEMIC DEGREES

- January 1996, B.Sc in Mathematics, Ss. Cyril and Methodius University, Skopje, Macedonia
- November 2007, M.Sc in Mathematics, Ss. Cyril and Methodius University, Skopje, Macedonia
- January 2014, PhD in Mathematics Education, Neofit Rilski University, Blagoevgrad, Bulgaria

ACADEMIC AND PROFESSIONAL POSITIONS

- (1996-2008): Teaching assistant, Institute of Mathematics, Faculty of Natural Sciences and Mathematics, Ss. Cyril and Methodius University, Skopje, Macedonia
- (2008-2014): Teaching and Research assistant, Institute of Mathematics, Faculty of Natural Sciences and Mathematics, Ss. Cyril and Methodius University, Skopje, Macedonia
- (2015-): Assistant Professor, Institute of Mathematics, Faculty of Natural Sciences and Mathematics, Ss. Cyril and Methodius University, Skopje, Macedonia

UNDERGRADUATE COURSES

Didactic of Mathematics with practise
Methodics of teaching mathematics with practise

PUBLICATIONS AND CONFERENCES

1. *Trigonometry of cycloid curves*, Yearbook of the Faculty of Natural Sciences and Mathematics, 37(59-71),1996
2. *Trigonometric method for determining the highest and lowest values of a function*, Second Macedonian Congress of Mathematics and Informatics, Ohrid, 28.09-1.10.2000, Sigma 3/2000.
3. *Using means inequality for getting structural mathematical knowledge*, Third International Conference 3-9.08.2003 god. Rousse, Bulgaria,
4. *The role of educational methods in teaching of gifted and talented students*, Proceeding of the Tenth International Congress on Mathematics Education, 4-11.07.2004, Copenhagen, Denmark, 159-168
5. *Linking researching and teaching*, Blagoevgrad 9-12.06.2005, MASSE
6. *Integration of mathematics curriculum, a Challenge of the contemporary Mathematics* –International Conference in Svishtov, Bulgaria, 3-5.06.2005.
7. *Proof and proving in mathematical classroom*, AMS, DMV and OMS Conference, Mainz, Germany, 16-19.06.2005
8. *Generalization-Challenge for Gifted Students*, 10th International Seminar for mathematics education held on 8-10 October, 2005 in Daejon, Korea
9. *Monitoring, Examining and Assessing Students Achievements in Mathematics*, *Lidija Kondinska, **Biljana Krsteska, **Valentina Gogovska, 35th Spring Conference 2006, 3-5 April, Borovec, Bulgaria, 337-343
10. *Problem solving strategy –challenge for gifted students*, Conference on Creativity in Mathematics and the Education of Gifted Students; Trondheim, Norway, June 2006
11. *Motivation as a principle in teaching mathematics*, *Lidija Kondinska, **Biljana Krsteska, **Valentina Gogovska, 2007, Blagoevgrad, Bulgaria
12. *Educational goals – basic stand point in selection of exercises for written examination of the students*, *Lidija Kondinska, **Biljana Krsteska, ***Valentina Gogovska , 37th Spring Conference 2008, Borovec, Bulgaria, 268-276
13. *Counter-examples in Lecturing Mathematics*, Valentina Gogovska, Risto Malcevski, ICME 11, Monterrey, Mexico, July 6-13, 2008, 235-245
14. *Linking teaching and researching*, Valentina Gogovska, Serbian Congress 28.08-2.09, Novi Sad, Serbia
15. *Motivating creativity while solving problem tasks*, Valentina Gogovska, oral presentation at the Forth Macedonian Congress of Mathematics, Struga 19-22.10.2008
16. *Discovering errors while solving mathematical tasks*, Valentina Gogovska¹ and Risto Malcheski² presentation at MICOM, MASSE congress, 16-20 September, 2009 , Ohrid, ISBN 978-9989-646-40-9, 78-87
17. *Mathematical models in mathematics curriculum*, Valentina Gogovska and Risto Malcheski, Riga 2010, 6-th International conference, Creativity in Mathematics Education and the Education of Gifted Students, Latvia, 210-214
18. *Promoting reflection-right key for getting structural knowledge*, Valentina Gogovska 10-12.09.2010 Blagoevgrad, 132-138
19. *Introducing textual tasks in mathematics curriculum*, Valentina Gogovska and Risto Malcheski , Matteh Shumen 19-21.11.2010, 301-305

VALENTINA GOGOVSKA CURRICULUM VITAE

20. Analytic methods - useful tool for obtaining long-lasting structural knowledge, Valentina Gogovska, 40th Spring Conference of SMB, 05-09.05.2011 Borovec, 356-362
21. Tasks from different cognitive thinking level - useful tool for empowering student reflection on math classes, presentation at the second international conference, MATM2011 - Methodological Aspects of Teaching Mathematics, 14-15.05.2011, Jagodina, Serbia.
22. Gogovska, V., *Detecting and encouraging talented students through mathematics teaching*, 30.09.2011, Ohrid.
23. Gogovska, V., R. Malcheski, *Improvement of intra-disciplinary integration of mathematics instruction*, Proceedings of the 4-th WCES 2012, 2-5.02.2012, Barcelona, Proceedings-Social and Behavioral Sciences, Volume 46, 2012, 5420-5424
24. Gogovska, V., *Selection of appropriate mathematical tasks-a challenge for mathematics teachers*, Proceedings of ICME 12, July 8-15, Seoul, Korea.
25. Gogovska, V., *The creative teacher, factor for improving mathematics instruction*, Proceedings of the 7-th MCG Conference, Busan, Korea, 2012.
26. Gogovska, V., Examples of tasks from different cognitive thinking level for the theme algebraic rational expressions, Proceedings of the 5-th WCES 2012, 2-5.02.2013, Rome.
27. Jakimovik, Slagjana and Trajanovska, Irena and Gogovska, Valentina and Atanasova-Pacemska, Tatjana (2013) *What Mathematics School Beginners Know and Can Do – a Matter of Importance or Not*. Croatian Journal of Education, 15 (1). pp. 99-110. ISSN 1848-5189 (Print) / 1848-5650 (Sp.Ed.) / 1848-5197 (Online)
28. Gogovska, V., *A historical survey on a place and role of tasks in mathematics teaching*, Proceedings of CAA'13, 31 October-2 November 2013, Sofia pp. 94-99.
29. Anevskaa K., Gogovskab V., Malcheskic R.* *The Role Of Complex Numbers In Interdisciplinary Integration In Mathematics Teaching*; Proceedings-Social and Behavioral Sciences, WCES 2014; Volume 191, 2015, 2573–2577
30. Gogovska V., Anevskaa K., Malcheski R. *Properties of Thinking and Adoption of Mathematical Knowledge* Proceedings of the 2014 International Conference on Education and Educational Technologies II (EET '14) Prague, Czech Republic , April 2-4, 2014 101-105
31. Malcheski R., Gogovska V., Anevskaa K., *Algebraic rational expressions in mathematics* , International Journal of Science and Research (**IJSR**), vol3, 10, october 2014
32. Gogovska, V., *A succesful math teacher, 7 –th WCES 2015, Athens ,Greece , 5-7.02.2015*

OTHER ACTIVITIES

Editorial Council

- Mathematics and Informatics, Journal of Education Research, Az Buki, National Publishing House; <http://mathinfo.azbuki.bg/>
- Editorial Board Membership of the "Education and Tehnologies" Journal, Sofia, Bulgaria

VALENTINA GOGOVSKA CURRICULUM VITAE

Editor

- Member of the editorial board of the popular mathematical publication "Numerus", Macedonian Mathematical Society, Skopje, 2014

Participation in current Projects:

- “Transition from kindergarten to primary school” under Assoc. Prof. Rusanka Petrova, D.Sc., sponsored by the Shumen University.
- Web-based learning in Mathematics, Informatics and Information technology № PД-08-235/13.03.2014