



## National Defence Academy



### **Personal Information:**

**Ketevan Kveselava**

**Date of birth: 12.07.1974.**

### ***Education:***

1995-2002: Georgian Technical University; Department of Transport and Mechine Engineering;  
Specialty: Folk Art Craft, Antique Restoration, Goldsmithery and Design.

2001-2006: Georgian Technical University; Department of Transport and Mechine Engineering;  
Specialty: Light Industry, Master's degree.

2008-2012: Georgian Technical University; Department of Informatics and Management Systems;  
Specialty: Computer Engineering (in Informatics), PhD.

### ***Work place, experience:***

2022-present - Chief Scientist, Scientific Research Center, David Aghmashenebeli National Defence Academy.

2019-present - Professor of the Department of Informatics and Management Systems, Georgian Technical University.

2016-2021 - Curator of Programs, Department of Engineering Economics, Media Technologies and Social Sciences, Georgian Technical University.

2015-2019 - Associate Professor of the Department of Informatics and Management Systems, Georgian Technical University.

2009-2015 - Assistant Professor, Department of Informatics and Management Systems, Georgian Technical University.

2006-2008 – Teacher, Humanitarian-Technical Department, Georgian Technical University.

### ***Courses and Trainings:***

1. Erasmus + Project "Changes in the Classroom" Promoting Innovative Teaching and Learning to Improve Student Learning Experience in the Eastern Partnership, Training Course **Active Learning Using Information / Communication Technologies**, March 4-9, 2019.

2. Erasmus + Project "Changes in the Classroom" Promoting Innovative Teaching and Learning to Improve Student Learning Experiences in Eastern Partnership, Training Course **Active Teaching on the Principle of Inverted Teaching**, March 11-15, 2019.

3. Erasmus + Project "Changes in the Classroom" Promoting Innovative Teaching and Learning to Improve Student Learning Experience in Eastern Partnership, Training Course **Mixed / Hybrid Teaching**

**and Learning**, March 4-9, 2019.

4. Georgian Technical University, Innovative Teaching Methods within the Framework of the PRINTEl Project of the EU Erasmus + program, in order to offer additional opportunities for professional development of teachers. **Video as a Teaching Tool for Teachers and Students, Active Learning in the Flipped Classroom**, March 21-26, 2019.

5. International Cooperation Project: Local Leaders for Innovative Education, Training: Creativity in Education: **Methodology and Tools in Everyday School Practice**; May 22-24, 2013.

6. International Cooperation Project: Local Leaders for Innovative Education, Training: Innovative Education Tools: Methodology and Tools: **Simulations, Games, and Role Play in Teaching**, June 24-26, 2013.

7. International Collaboration Project: Local Leaders for Innovative Education, Training: Creativity in Education: **Methodology, Effectiveness, and Impact on Values, Student Behavior and Attitude Towards Learning**, April 24-26, 2013.

*List of Scientific Papers (for the last 10 years):*

1. **Modern Distance Education in the 21st Century**, quarterly refereed and peer-reviewed scientific journal "Ganatileba", №3 (34) 2021.
2. **Multimedia Project as an Interactive of Communication**, quarterly refereed and peer-reviewed scientific journal "Ganatileba", №1(32) 2021.
3. **Comparative Analysis of Flash and HTML5 Technologies**, International Scientific Journal "Business Engineering", №1-2, 2017.
4. **Project Planning and Management**. International Scientific Journal „Historical Verticals“, №35-36. pp. 443-447. 2016.
5. **Ethical Behavior and Business Interests**. International Scientific Journal „Historical Verticals“, №35-36. pp. 277-281. 2016.
6. **„Роль новых информационных технологий в современной экономике и бизнесе“**. International Scientific Journal "Business Engineering", №2, 2014.
7. **On the creation of a Trilingual (Georgian-English-Russian) Technical Terminological Dictionary**, Georgian Technical University, Collection of Works, № 3(493), 2014.
8. **Georgian National Clothes**, Scientific Collection "Culture and Society ", 2013.
9. **Ritual Items, Building a Database Based on CAD / CAM Systems**, Collection of Works "Automated Management Systems", № 1 (14) 2013.
10. **Computer System for Automation of the Etymological Search Process of the Kartvelian Studies**. International Scientific Journal "Business Engineering", №3, 2013.
11. **„Мультимедийные технологии. Условия и факторы, влияющие на культуру мультимедийных систем и технологий“**. International Scientific Journal "Business Engineering", №4, 2013.
12. **Computer Graphics and Fields of Application**. Collection of Works, №4, 2013. Tbilisi Open Teaching University.
13. **Multimedia Technologies as a Rapprochement of Virtual and Real Environment**, Literary-Scientific Journal "Parallel", №5, 2013.
14. **Management Process and System**. International Scientific Journal "Business Engineering“, № 5, 2013.
15. **Analysis of the Functional Scheme of the Automated Process of Iconography Drawings**, Georgian

Electronic Scientific Journal, pp. 62-72, 2012. <http://gesj.internet-academy.org.ge>.

16. **Formalization of the Color Symbols Used in the Clothes of the Clergy Based on Graphic Models**, International Scientific Journal "Business Engineering", № 3, pp. 129-133, 2012.
17. **Mathematical Model for Recording the Losses during Optimal Load Distribution in Power Grids**, International Scientific Journal "Business Engineering", №4, pp. 129-133. 2012.

*Participation in Conferences, Congresses, Symposia*

1. **„The Technical Side of Distance Education and Its Management“**, The 12-th International Research Conference on Education, Language and Literature, 2022.
2. **Cyber Security Analysis of Critical Information Infrastructure Facilities**, 10-th International Scientific Conference "World and Caucasus", GTU, Tbilisi, 2021.
3. **Multimedia Project - Use of Modern Technologies to Increase the Interactivity of Communication**, Ninth International Scientific Conference "World and Caucasus", GTU, Tbilisi, 2020.
4. **Georgia in the Modern Global Space**, 8-th International Scientific Conference "World and Caucasus", GTU, Tbilisi, 2019.
5. **Computer Graphics in Social Context**, International Scientific Conference "World and Caucasus", Georgian Technical University and Academy of Social Sciences of Georgia, 2018.
6. **The Role of Information Technologies in the Development of Tourism**, International Scientific Conference "World and Caucasus", GTU, Tbilisi, 2017.
7. **„Методы позиционирования и сжатия звука“**, International Scientific Conference "World and Caucasus", GTU, Tbilisi, 2016.
8. **Export of Georgian Hazelnuts to the World Market, Georgia**. Third International Conference "Models of National Economic Development: Yesterday, Today, Tomorrow", Georgian Technical University and Akaki Tsereteli State University, 2015. (October 16-17)
9. **„Медиаменеджмент условиях экономических и политизированных обществ,“** Third International Scientific-Economic Conference "Models of National Economic Development: Yesterday, Today, Tomorrow", GTU, Tbilisi, 2015.
10. **„ИСПОЛЬЗОВАНИЕ МЕДИЯМЕНЕДЖМЕНТА В ЭКОНОМИЧЕСКОМ И ПОЛИТИЧЕСКОМ СООБЩЕСТВЕ,“** First International Scientific-Practical Conference "Modern Management: Problems, Hypotheses, Studies" dedicated to the International Day of Seafarers, Batumi Navigation Training University (June 24-25), 2015, Batumi.
11. **„ВОПРОСЫ ОБЕСПЕЧЕНИЯ АУТЕНТИЧНОСТИ ВЫШИВКИ И ДЕКОРАТИВНЫХ АКСЕССУАРОВ НАЦИОНАЛЬНОЙ ОДЕЖДЫ НА ОСНОВЕ САД/САМ ТЕХНОЛОГИИ (СОВРЕМЕННАЯ ПАРАДИГМА)“** XVII международная научно-практическая конференция "ФУНДАМЕНТАЛЬНЫЕ И ПРИКЛАДНЫЕ ИССЛЕДОВАНИЯ, РАЗРАБОТКА И ПРИМЕНЕНИЕ ВЫСОКИХ ТЕХНОЛОГИЙ В ПРОМЫШЛЕННОСТИ И ЭКОНОМИКЕ" 2014 г Санкт-Петербург, (Россия;)
12. **Multimedia Technologies in Education**, International Conference "Models of National Economic Development: Yesterday, Today, Tomorrow", GTU, Tbilisi, October 17-18, 2013.

13. **Georgian Women Politicians**, Georgian Technical University International Scientific Conference "World and Gender-2", "Shromebi", 2013, Special Edition 1. pp. 40-46.

14. **Gender: Problems and Perspectives**, the International Scientific Conference "World and Caucasus", Georgian Technical University, "Shromebi", 2013.

15. **Explanatory Dictionary of Georgian-English-Russian General Technical Terminology** (e-version), Georgian Technical University, Department of Business Engineering, Scientific Journal "Government and Society" of Open Diplomacy Association (History, Theory, Practice), International Conference "Government and Society", November 17-18, 2013.

*Translated and Edited Books:*

1. **Data Research Software** (Part 1 "spss"), Tbilisi, 2021.
2. **Multimedia and Computer Graphics**, 2018. Auxiliary Manual. ISBN 978-9941-28-265-2.
3. **Animation in Web Design on the Bases of Flash Technology**, 2017. ISBN 978-9941-27-125-9.
4. **Fundamentals of Computer Architecture and Organization**, Auxiliary Manual II, Revised Edition, 2018. ISBN 978-9941-28-264
5. **Computer Graphics and Main Graphic Editors**, Tbilisi, Tbilisi Open University, 2013. ISBN 978-9941-0-5656.
6. **General Terminology Dictionary (Economics, Business, Marketing, Politics, Law, Mass Communications)**, Part I .
7. **Explanatory Dictionary of Georgian-English-Russian General Technical Terminology (History, Theory, Practice)**, 2013.
8. **3ds max**, GTU. 2013 წ. ISBN 987-9941-0-5778-6 (учебник)
9. **3ds max**, GTU. 2013 წ. ISBN 987-9941-0-5777-9
10. **3ds max lightware**. GTU 2013 წ. ISBN 987-9941-0-5779-3 (учебник)
11. **3ds max lightware**. GTU 2013 წ. ISBN 987-9941-0-5780-9
12. **Basics of Computer Architecture and Organization**, Auxiliary Manual. Tbilisi Open Teaching University, 2013. ISBN 978-9941-0-55829.
13. **Practical Course in Computer Graphics: Methodological Guidelines for Laboratory Work, Adobe Photoshop** (Part I), ISBN 978-9941-20-278-0 2013.
14. **Supporting Practical Course, Drawing 5**, 2014.

*Participation in State-Funded Scientific-Research Projects:*

1. **Total (Comprehensive) Defence as a Determinant of Defence, Security and Stability in Georgia**, David Aghmashenebeli National Defence Academy of Georgia, Scientific-Research Project, 24 months (2022-2024).
2. **Use of Information and Communication Technologies as a Component of Pedagogical Research and Its Psychological and Pedagogical Analysis**, David Aghmashenebeli National Defence Academy of Georgia, Scientific-Research Project, 9 months (2022-2023).
3. **Methodology for Archaeological Field Survey**, Georgian Technical University, Internal Grant of the Department of Engineering Economics, Media Technologies and Social Sciences, 2018. Technical Specialist.
4. **European Regionalism Policy**, Georgian Technical University, Internal Grant of the Department of Engineering Economics, Media Technologies and Social Sciences, 2018. Technical Specialist.

5. **Gender Guide-Book**, Internal Grant of Georgian Technical University, 2018. Technical Specialist.
6. **Information Technologies**, Tbilisi Open Teaching University, Short-Term Vocational Training Program for the “Job Seekers Training and Qualification Enhancement State Program”, 2016. Visiting Teacher.
7. **Information Technologies**, Tbilisi Open Teaching University, Short-Term Vocational Training Program for the “Job Seekers Training and Qualification Enhancement State Program”, 2015. Visiting Teacher.
8. **Culture and Society**, Municipal Department of Social Service and Culture, Tbilisi City Hall, 2013. Organizer and Author.
9. **Machine Embroidery (Embroidery Software Drawings 5)**, Pazisi College, Poti. International Vocational Education Program planned by the UN, 2012. Trainer.
10. **Use of Computer Graphics in the Technological Process of Machine Embroidery (Graphic program Corel DRAW)**, Pazisi College, Poti. International Vocational Education Program planned by the UN, 2012. Trainer.
11. **Inventory of Intangible Cultural Heritage Items**, LEPL National Agency for Cultural Heritage Preservation of Georgia, 2012.
12. **Educational-Scientific Dictionary (Economics and Business, Politics and Law, Mass Communications)**, Internal Grant of Georgian Technical University 2011. Technical Specialist.

*Other Activities (Junkers’ supervision, etc.)*

*Languages: Georgian – native; Russian – well; English – dictionary*

*Computer Programs: Ms.Office, 3Dmax, CorelDraw, Adobe-photoshop, Blender*

***Additional Information:***

1. 2012-2021: Head of the **Training-Scientific Center for Textile and Leather Manufacturing**, Georgian Technical University.
2. From 2012 to present: Manager of the **Gender Equality Research Center** at Georgian Technical University.
3. 2012-2014: Researcher-Coordinator of the Scientific Sociological Center at Georgian Technical University.
4. From 2012 to present: Member of **Academy of Social Sciences of Georgia**.
5. From 2013 to present: Co-President of **Academy of Social Sciences of Georgia**.
6. From 2014 to present: Advisor of the **Bioenergy Informatics Department of the Engineering Academy**.