	LEPL - David Aghmashenebeli National Defence Academy of Georgia	

Personal Information

date of birth : 11/02/1974
citizenship : Georgia
address : Didi digomi. Monpere str. 25a, Georgia
contact:

   tel. Mobile: 599197600

   mail : narabuli1974@yahoo.com

Education

1990-1995
Georgian Technical University – Faculty of Information Technology. (Diploma - Engineer Technician)

1995-2000
Georgian Technical University - : Postgraduate Study. Faculty of Information Technology.

2004
Georgian Technical University - : Doctor of Technical Sciences.

Workplace, experience

2014 – up to now	High Education Accreditation Expert in Information Technology. National Center for Educational Quality Enhancement
2004-up to now	Georgian Technical University – Professor.
2011- up to now	David Aghmashenebeli National Defence Academy of Georgia – Associate Professor
2022-2024	Dean of Information Technology School. Alte University
2006-2008	Tbilisi Vocation College "Aiti" – Program Coordinator
1999-2004	Georgian Technical University. Engineer-Programmer in Computer Centre.
2003-up to now	Non - governmental organization "Amagdari". Database Administrator.

Courses and trainings taken

Workshop "Student Oriented Active learning methods". ". NATO military development program 15-19 Jule. 2024

Profformance+ Thematic Webinar | Impact and mission with and for society. DZS I Czech National Agency for International Education and Research. 11/7/2023

CCSA Cyber Security Train the Trainer course. Checkpoint SecureAcademy. Israel. 18-21 September. 2023.

EU4Digital | ICT Innovation online session - The role of the private sector in start-ups ecosystem boosting, planned for 8 August 2023.

Workshop "Critical Thinking". NATO military development program. August 1-3, 2023.

Continuing Education By Participating In IPD Week, Cisco Net Academy. June 12-16, 2023

Workshop "Graduate Programs development in International Studies". 5-7 July 2023. Ministry of Defence of Georgia. NATO military development program.

IPD Week - Technical Session - CCST Cybersecurity Curriculum Webinar. Netacad IPD Tuesday, May 2, 2023.

EC-Council Certified Security Specialist v9. New Horizons Computer Learning Center. 01/2021. ToT Certificate.

Training - EC-Council Certified Security Specialist v9 - 2021 / 01-2021 / 02

Cisco Networking Academy. 9/06/2020. Instructor Professional Development Week.

"Evaluation of Doctoral Degree Programs" - National Center for Education Quality Development. 2019 November.

"Accreditation Process, Standards and Procedure" - National Center for Education Quality Development. 2019 December.

Georgian Association of Scientific-Educational Computer Networks - "GRENA". 2018 May. Internet of Things Vocational Training Course.

Iowa State University (USA), GTU Professional Development Center, February / 2018 - February. "Teaching and Teaching" Teacher Training Program.

National Defense Academy and NATO Military Education Development Program (DEEP) - February 5-8 / 2018. Georgian Faculty Development Program. Workshop.

Eta and NATO Military Education Development Program, February / 2014 - February / 2014. DEEP - National Georgian Educators' Workshop.

Eta and NATO Military Education Development Program, July / 2013 - July / 2013. DEEP - National Georgian Educators' Workshop "- ASSESSMENT FOR ACTIVE LEARNING AND BASIC CURRICULUM.

GTU Professional Development Center, Iowa State University (USA) February / 2009 - March / 2009. "General Course of Modern Methodology of Teaching".

Cisco Networking Academy. San Jose (USA), December / 2008 - February / 2009. CCNA Exploration 5.0 Trainer Certificate.

Cisco Networking Academy Baku, Academy Name: AzNet Project, August / 2006 September / 2006. Fundamentals of UNIX.

Knowledge of languages

 Georgian, English, Russian

computer programs

Windows XP, Linux, MS Word, MS Excel, MS Access, Power Point, MS Outlook, Adobe Photoshop, Page Maker, Corel Draw, HTML, CSS, Java Script, Front Page, Macromedia Flesh, Macromedia DreamViewer,   MS Sql, C#, T-Sql, Visual Basic, CCNA

Scientific papers published in local journals (Last 10 years)

Number of Publications : 46

- საინფორმაციო უსაფრთხოების ანალიზის და შეფასების სისტემა ავტომატიზირებული მართვის სისტემებში. 2023 N1. ალტე უნივერსიტეტის ყოველწლიური სამეცნიერო ჟურნალისთვის.

Scientific papers published in international journals (Last 10 years)

- ქსელის დაპროექტება და მოწყობა უსადენო და ოპტიკურ-ბოჭკოვანი ფართოარხიანი წვდომის ქსელისთვის. International Periodical scientific Jurnal "INTELECT". N1(51). 2015. ISSN 1512-0333
- The right approach to the safety of Wi-Fi networks   ეროვნული თავდაცვის აკადემია. შრომები N1. 2015. გვ.97-101

- უსადენო ქსელების კომუნიკაციის პრინციპები და უპირატესობა
ეროვნული თავდაცვის აკადემია. შრომები N1. 2015. გვ.117-122

- Creation of world standards educational system as one of the main factors of sustainable development of the country ეროვნული თავდაცვის აკადემია. შრომები N1(2). 2016. გვ.151-158

- კრიპტოგრაფიული შეტევის თანამედროვე მეთოდები ეროვნული თავდაცვის აკადემია. შრომები 2017. გვ. 36-38

- სამხედრო სფეროში IoT გამოყენება. NDADSP. Defence & Security Publications. 2019
Online ISSN 2587-4837. Print ISSN 1512-0708

- MANET-ის ენერგოეფექტურობა და საიმედოობა საქართველოს ტექნიკური უნივერსიტეტი, მართვის ავტომატიზებული სისტემები. Vol. 2 No 1(32). 2021. გვ. 107-111.

- მარშუტიზაციის პროტოკოლების ანალიზი სამხედრო ქსელებში. NDADSP. Defence & Security Publications. 2022.

- დინამიკურ ქსელში სისუსტეების აღმოჩენის და პრევენციის მოდელის ანალიზი   AUTOMATED CONTROL SYSTEMS - No 1(33), 2022

- AI Algorithms for Dynamic Bandwidth Management in Wireless Networks. Proceedings of IEMTRONICS2024 International IoT,Electronics and Mechatronics Conference,Volume2. Springer.2024. 1-10pp.

- [Analysis of Cybersecurity Challenges in the Context of Modern Military Conflicts](). National Defense Academy Papers DOI: https://doi.org/10.61446/pa.2.2024.8417. No. 2 (2024)

- Mathematical Model For Improving Secure Communication And Efficiency In Wanet Network. Defence & Science ISSN 2720-8710 E-ISSN 2960-9658. DOI: https://doi.org/10.61446/ds.3.2024.8480. (3) 2024

Reports made in local scientific conferences (Last 10 years)

- - About one mathematical model of information warfare. National Defense Academy. Scientific conference. 2023 November 2.
- - Green energy for sustainable development. National Defense Academy. Scientific conference. 2023 November 2.
- - International Scientific-Technical Conference "Applications and Data Security Created to Fight the Pandemic" - National Defense Academy. 2021. May.
- - The International Scientific-Technical Conference "Information Society and Technologies for Intensification of Education". 2021 May 20-23.
- - Modern methods of cryptography in information security. Georgian National Defense Academy named after Davit Agmashenebeli. Scientific conference dedicated to the 100th anniversary of Georgia's independence. 2018 June 14-15.
- - How IOT will change our future. K. of the Faculty of IMS of the Technical University of Georgia. Member of the organizing committee of the international conference "Digital Technologies: Present and Challenges" related to Kamkamidze's 90th anniversary. 2018 May 10.

Reports made in international scientific conferences (Last 10 years)

- AI Algorithms for Dynamic Bandwidth Management in Wireless Networks. International IOT, Electronics and Mechatronics Conference 2024, Imperial College London, United Kingdom

  3rd-5th April, 2024;
- Verification Algorıthm for Remote Monıtorıng Systems of Industrial Machine. International Congress on Contemporary Sciences. 5-7 May. Aksaray, Turkiye. Aksaray Universitu and IKSAD Institute.2023.

Other Participation in scientific research projects (Last 10 years)

Monography

Cyber security, challenges, concepts and practices. With the support of Shota Rustaveli National Science Foundation. 2024

Books

- Manual - National Defense Academy (Comp. Technologies for Minorities) 2023.
- Collection of scientific reports "New challenges of cyber security in the global information space". editor. 2020 ISBN 978-9941-8-2048-9
- Information technologies. ISBN 978-9941-27-194-6. 2019

Projects

● Manager. "Promotion of Science and Stimulation of Scientific Research in Schools of Mountainous Regions of Georgia" (MS) State Scientific Grant Competition. Project Code No. MS-24-080. "A New Era of Science - Using Artificial Intelligence for Discovery and Progress". 2024-2025.

● Expert in the field of smart devices. Yakob Gogebashvili Telavi State University, international project of Competitive Innovation Fund (CIF) "Integrating innovative agro-technologies into educational programs". 2024-2025.

● Kaspi Technology Week. USAID, GITA. Trainer in the direction of IoT and AI. April 17-20, 2024.

● International Techathon "Teens in AI 2024" - organizer and representative in Georgia;

● "EmpowerHER STEM" project in which socially disadvantaged girls aged 15-18 participated. Trainer - "Smart houses and devices". Funded within the framework of the grant project of the American Councils - FLEX program.

● WorldSkills Georgia - Georgian national competition 2023 - expert in the field. December 3-5. 2023

● "Cyber Security Challenges, Concepts and Practices". Shota Rustaveli National Science Foundation. The winner of the grant competition on publishing state scientific grants. manager. 2023-2024

● Project "Mestia-Chuberi Technological Week" - GITA. Trainer on the topic - "Management of smart network devices". September 7-10. 2023. (USAID)
https://www.facebook.com/USAIDResilientCommunitiesProgram/videos/336063555481944

● Project "Zugdidi Technological Week" - GITA. Trainer - on the topic "Management of wireless smart devices". July 23-28. 2023 (USAID)

● "Digital security at school" project - trainer in cyber security and cyber hygiene. 2023 February

● "Technovation Girls Sakartvelo" - member of the competition commission May-June 2023

● Youth for Sustainable Development - Participant. Trainer - data protection from cyber attacks. GITA Gurjaan (USAID)

● Digital citizenship at school - ALTE & STEM. Participant. "Basics of cyber security" trainer. 2023.

● National Defense Academy of Georgia "Research of parallel programming algorithms for multidimensional tasks". 2021-2023 Participant.

● World Bank, Ministry of Education, Science, Culture and Sport of Georgia (MoESCS), National Center for Education Quality Enhancement (NCEQE) and Teacher Professional Development Center (TPDC) - Strengthening Teacher Quality in Vocational Education and Training. 2020-2021. IT Sector Expert. development of professional IT programs; creation of assessment tools using modern approaches and methodologies in information technology modules; Training of trainers in the field of professional education (ToT).

● Shota Rustaveli National Science Foundation. 2018-2019 project manager. New challenges of cyber security in the global information space. Organizing and holding a seasonal school on the topic of cyber security.

● USAID ZRDA - creation/development of e-learning programs. 2018-2019. Project manager.trainings.gov.ge

● Mtskheta-Mtianeti Regional Development Agency. Member of the Education Commission (http://greenregion.weebly.com/) - the commission takes care of spreading knowledge in our society using western experience, methodologies and other means in education. (2016 - to date)

● Millennium Challenge Fund - Georgia. Small grants project: "Creation and implementation of an electronic training course in the general module of information technologies" - project coordinator. (2016)

● European project 516613-TEMPUS-1-2011-BE-Tempus-jPHES, 2012 - 2013 project participant, "Building Capacity for University-Enterprise Partnerships Towards Competency Based Training in Armenia, Georgia and Ukraine". The project serves to create an innovation center in the universities of Stu and other participating countries, the purpose of which will be to develop connections between the university and business companies.

● Promotion of the employment of victims of gender and sexual violence, refugees and displaced women, January / 2011 - until now, the main developer of the software package and database administrator, creation and administration of the computer database of beneficiaries within the project of promotion of employment of victims of gender and sexual violence, refugees and displa

Additional information

- Expert in the field from Georgia - WorldSkills 2024 Lyon – Expert Web Technology. 5-16 September 2024. Lyon.
- Teens in AI international project representative, organizer (ambassador) in Georgia from 2023.
- Member of the dissertation council of Samtskhe-Javakheti University since 2021
- Supervisor of four doctoral students Stu
- Supervisor of three candidate scientific theses
- Supervisor of 25 master's theses from 2004 to today
- Supervisor of the bachelor's thesis of the 20th cadet
- 2004-2006 Member of the Association of Young Scientists (Technical University of Georgia)
- Trainer. Certificate of Achievement. Georgian Technical University. Coach - Honorable Mention. ACM ICPC 2010-2011. North Eastern European Regional Contest November 24, 2010.