

Performers of 2013-2014 Winner Projects

Project Supervisor and Co-performers (Scientific Unit)	Position	Faculty, Department, Direction	Project Title
A. Japaridze - Full Professor I.Epitashvili - Master	The Study-Scientific Center of Theology The Study-Scientific Center of Theology	Faculty of Business Technology	Explanatory Dictionary of the History of the Apostolic Church of Georgia
A. Managadze- full professor, candidate of Chemical sciences Z. jokharidze - Doctoral student	Measurement technology and direction of microprocessor systems Head of the Laboratory	Faculty of Informatics and Control Systems	Development and production of microprocessor mobile device for soil moisture and temperature.
A. Gerasimov- Doctor of Physical and Mathematical Sciences, Professor	GTU, Informatics and Control Systems, Department of Physics	Faculty of Informatics and Control Systems	Reduction of Si-photovoltaic technology cost
A. Sarukhanashvili - Doctor of Technical Sciences, Full Professor	Faculty of Chemical Technology and Metallurgy, Physical and Colloidal Chemistry	Faculty of Chemical Technology and Metallurgy	Feature Enamel
B. Tskhadadze - Doctor of Philological Sciences, Kartvelologist, Professor (Linguist) Assistant Professor) I. Kveselava - Doctor of Historical Sciences, Full Professor	Faculty of Business Engineering, Department of Georgian Philology and Media Technologies, Project Supervisor Head of the GTU Department of Social Sciences, Project Manager	Faculty of Business Engineering	Study-Scientific Explanatory Dictionary of General Technical and Engineering-Information Glossary

<p>D. Kapanadze - Candidate of Technical Sciences, Full Professor</p> <p>T. Zhvania - Candidate of Technical Sciences, Associate Professor</p>	<p>Faculty of Informatics and Control Systems, Department of Economic Informatics, Project Supervisor</p> <p>Faculty of Informatics and Control Systems, Department of Economic Informatics, Project Manager</p>	<p>Faculty of Informatics and Control Systems</p>	<p>"Development of conceptual models of electronic training courses"</p>
<p>D. Bluashvili - Candidate of Geological and Mineraloical Sciences</p> <p>O. Seskuria - Doctoral Student</p>	<p>Mining and Geological Faculty, Department of Applied Geology</p> <p>Mining and Geological Faculty, Department of Applied Geology</p>	<p>Mining and Geological Faculty</p>	<p>Educational Research Laboratory of Applied Geology Department - Creation of the Information Bank and New Collections (Capstones and Handwork Stones) of the Museum</p>
<p>D. Nozadze - Full Professor</p>	<p>Faculty of Chemical Technology and Metallurgy, Scientific Center for Composite Materials of Fibers, Project Manager</p>	<p>Faculty of Chemical Technology and Metallurgy</p>	<p>Development of road-drainage pipe technology from fiber concrete</p>
<p>E. Elizbarashvili - Full Professor, Doctor of Chemical Sciences</p>	<p>Project Supervisor, Manager, GTU Chem - The Study-Scientific Center of the Faculty of Chemical Technology and Metallurgy</p>	<p>Faculty of Chemical Technology and Metallurgy</p>	<p>Development of new formulas and technological regulations of liquid washing remedies</p>
<p>G. Kokoshashvili- Academic Doctor</p> <p>Archpriest M. Macharadze - Academic Doctor</p>	<p>Ethnocultural Technology Research Center</p> <p>The Study-Scientific Center of Theology</p> <p>Department of Oil and Gas of the Mining and Geological Faculty</p>	<p>Faculty of Business Engineering</p>	<p>Explanatory Dictionary of Terms of Ethnocultural Technology</p>

<p>Gocha Mikiashvili - Doctor of Architecture, Full Professor</p> <p>B. Gorgiladze - Doctor of Physics and Mathematics, Associate Professor</p>	<p>Faculty of Architecture, Urbanistics and Design.</p> <p>Faculty of Architecture, Urbanistics and Design.</p>	<p>Faculty of Architecture, Urbanistics and Design.</p>	<p>Web Design for 3D Internet</p>
<p>G. Gaprindashvili - Candidate of Technical Sciences, Full Professor</p>	<p>Faculty of Chemical Technology and Metallurgy, Silicate technology direction</p>	<p>Faculty of Chemical Technology and Metallurgy</p>	<p>Synthesis of thermal-bone porcelain and artificial enamel using local raw materials</p>
<p>T. Gabadadze - Candidate of Technical Sciences, Full Professor</p> <p>I. Suladze - Candidate of Technical Sciences, Docent, Associate Professor</p>	<p>Faculty of Chemical Technology and Metallurgy, Silicate technology direction</p> <p>Faculty of Chemical Technology and Metallurgy, Silicate technology direction</p>	<p>Faculty of Chemical Technology and Metallurgy</p>	<p>Receiving and research of presses and self-contained waterproof concrete for the development of energy and agriculture of Georgia</p>
<p>I. Gotsiridze - Doctor of Sciences, Full Professor</p> <p>Z. Ghurtskaia - Doctor of Medical Sciences, Full Professor</p> <p>Z. Mgaloblishvili</p>	<p>Department of Biomedical Engineering of the Faculty of Informatics and Control Systems</p> <p>Department of Biomedical Engineering of the Faculty of Informatics and Control Systems</p> <p>Department of Biomedical</p>	<p>Department of Biomedical Engineering of the Faculty of Informatics and Control Systems</p>	<p>Computer-assisted galvanization- ionophoresis apparatus</p>

	Engineering of the Faculty of Informatics and Control Systems		
Zh. Petriashvili - Candidate of Chemical Sciences, Professor	Faculty of Chemical Technology and Metallurgy, Chemical and Biological Department, Project Supervisor	Faculty of Chemical Technology and Metallurgy	Virtual Learning Laboratory Work, Creation of Demonstration Video and its Implementation in Chemistry
I. Mosashvili - Doctor of Engineering Sciences, Acad. Degree	Faculty of Informatics and Control Systems, Department of Control Systems		
L. Tsulukidze - Academic Doctor of Technical Sciences	GTU Institute of Water Management	Institute of Water Management	Assessment of the vulnerability of adjoining degraded slopes and the development of modern technology against soil degradation in the TRASECA corridor (village Gldani section)
G. Chakhaia - Academic Doctor of Technical Sciences	GTU Institute of Water Management		
G. Gavardashvili - Doctor of Technical Sciences, Professor	GTU Institute of Water Management		
Sh. Bosikashvili - Master	GTU, Ecological Technologies and Green Economics Development Center		
Z. Varazashvili - Academic Doctor of Geological sciences Sh. Kupreishvili - Candidate of Technical Sciences/Academic Doctor of Technical Sciences	GTU Institute of Water Management GTU Institute of Water Management		

G. Loladze - Candidate of Technical Sciences, Professor	Silicate Technology Direction	Faculty of Chemical Technology and Metallurgy	Creation of automated management systems for 3D stereoscopic filming programs to develop TV industry in Georgia.
M. Tsverava - Candidate of Technical Sciences, Associate Professor	Scientific Research Center for promoting the production of household chemistry	Faculty of Chemical Technology and Metallurgy	Development of technology of production of chemical products of ecologically pure variety of chemicals on the base of local raw materials
Z. Geliashvili - Candidate of Chemical Sciences, Associate Professor	Scientific Research Center for promoting the production of household chemistry		
Z. Padiurashvili - Doctoral Student	Faculty of Chemical Technology and Metallurgy		
M. Babutsidze - Academic Doctor	Study-scientific Center for Welding Material Production and Materials at the Faculty of Chemical Technology and Metallurgy, Supervisor	Study-scientific Center for Welding Material Production and Materials	Developing of welding materials on the base of the innovative smelter charge and using their factory-making technology
M. Jibladze - Doctor of Physical and Mathematical Sciences, Professor	Direction of Physics of the Faculty of Informatics and Control Systems	Department of Physics of the Faculty of Informatics and Control Systems	Acquire hydrogen sulfide from the deep waters of the Black Sea and its physico-chemical analysis
M. Akhobadze - Doctor of Technical Sciences, Professor	Bio-medical Direction of Faculty of Informatics	Department of Biomedical Engineering of the Faculty of Informatics and Control Systems	Decision-making computer system for investment policy development
E. Kurtskhalia - GTU Doctoral Student, Leading Specialist of Young Scientists and	Faculty of Informatics and Control Systems		

Students' Innovative Activities			
M. Andghuladze - Candidate of Chemical Sciences, Academic Doctor	Faculty of Chemical Technology and Metallurgy, Department of Chemical and Biological Technologies, Organic Substance Direction	Faculty of Chemical Technology and Metallurgy	Receipt of monosaccharide bioethanol and bio petroleum from bio renewable material
T. Shakarashvili - Candidate of Chemical Sciences, Academic Doctor	Chemical Technology and Metallurgy oil Processing Technology		
N. Tsereteli - Doctor of Technical Sciences, Professor	Study-scientific center for Electrometallurgy of the Faculty of Chemical Technology and Metallurgy	Faculty of Chemical Technology and Metallurgy	Processing technologies of silico manganese emissions from receiving cholesterol manganese oxide from the manganese ores in Chiatura
N. Nareshelashvili - Academic Doctor	GTU, Road-building Machinery and Equipment, Project Supervisor	Faculty of Transportation and Mechanical Engineering	Container Spreader with 20 ¹ and 40 ¹
M. Dzotsenidze, GTU Construction	Project Manager		
N. Natsvlshvili -Candidate of Technical Sciences, Full Professor	GTU, Water Supply, Sewage, Thermal Power Supply, Engineering Equipping of Buildings	Faculty of Construction	SCADA system of rational consumption of water and natural gas for Georgian Technical University
N. Jalabadze - Professor, Doctor	The Republican Center for Structural Studies in Informatics and Control Systems The Republican Center for Structural Studies in Informatics and Control Systems	Biomedical Direction of the Faculty of Informatics and Control Systems	Development of new technology of new type composite sheet material pipes
L. Nadaraia - Doctor			

<p>N. Chigogidze - Academic Doctor of Chemical Sciences, Academician of the Georgian Engineering Academy</p> <p>G. Salukvadze - Member Correspondent of the Georgian Engineering Academy</p>	<p>Research Center for Biologically Active Substances of the GTU Faculty of Chemical Technology and Metallurgy</p> <p>Research Center for Biologically Active Substances of the GTU Faculty of Chemical Technology and Metallurgy</p>		<p>Quantum Therapy Portable Universal Instrument-Device Biometer</p>
<p>O. Namicheishvili- Doctor of Technical Sciences</p> <p>D. Gorgadze - Doctor of Technical Sciences, Professor</p> <p>M. Ramazashvili - Academic Doctor of Informatics</p>	<p>Project Supervisor</p> <p>Project Manager</p> <p>Responsible person for the Project</p>	<p>Biomedical Direction of the Faculty of Informatics and Control Systems GTUs Faculty of Construction, Department of Engineering Mechanics and Construction Expertise Technology GTU Faculty of Informatics and Control Systems, Department of Computer Engineering</p>	<p>Accelerated tests of durability and tiredness with computer modeling</p>

<p>O. Mikadze- Doctor of Technical Sciences, Full Professor</p> <p>T. Buchukuri - Candidate of Technical Sciences, Academic Doctor</p>	<p>Department of Material Science and Metals Processing of the Faculty of Chemical Technology and Metallurgy, Supervisor</p> <p>Department of Material Science and Metals Processing of the Faculty of Chemical Technology and Metallurgy, Manager</p>	<p>Faculty of Chemical Technology and Metallurgy</p>	<p>Development of the technology for improvement of armature steel quality using barium complex alloys obtained from waste</p>
<p>R. Turmanidze - Doctor of Technical Sciences, Full Professor</p> <p>V. Bachanidze</p> <p>A. Devanozishvili</p> <p>M. Beridze</p> <p>A. Aladashvili</p> <p>T. Aptsiauri</p>	<p>Department of Mechanical Engineering and Technology, Project Manager</p> <p>Engineer</p> <p>Engineer</p> <p>Scientific Worker</p> <p>Machine-Operator</p> <p>Software Provision</p>	<p>Faculty of Transportation and Mechanical Engineering</p>	<p>Optimization of technological operations for manufacturing spiral pruning microtools</p>
<p>R, Samkharadze - Doctor of Technical Sciences, Full Professor</p>	<p>Department of Computer Engineering of the Faculty of Informatics and Control Systems, Direction of Computer Systems and Network</p>	<p>Institute of Water Management</p>	<p>Introduction of modern teaching methods in the learning process (Creation of video lectures in C # language base)</p>

M. Kiknadze- Candidate of Technical Sciences, Associate Professor	Manager		
Sh. Nachkebia - Doctor of Technical Sciences, Professor	Head of Department of the Faculty of Energy and Telecommunications GTU Rector Assistant	Faculty of Energy and Telecommunications	Distinguished public figures in engineering, science and education
I. Gorgidze - Doctor of Technical Sciences	Assistant Professor of Informatics and Control Systems		
M. Khartishvili			
S. Tsiramua - Full Professor, Doctor of Technical Sciences	GTU, Geoinformation Technologies Training-Scientific Center	Biomedical Direction of the Faculty of Informatics and Control Systems	Geoinformation system of integrated virtual tourism routes in web and mobile technologies
Sh. Bakanidze- Academic Doctor	GTU, Construction-civil and industrial construction technology and building materials, Project Supervisor	Faculty of Construction	New technology for building multi-layer energy-saving constructions
V. Loladze - Doctor of Technical Sciences, Professor	GTU, Construction-civil and industrial construction technology and building materials, Project Manager		
M. Mskhiladze - Associate Professor	GTU, Construction-civil and industrial construction technology and building materials		
L. Sakhvadze- Doctor of Biological Sciences, Professor	Industrial Biocotechnologies Training - Center	Bio-Eco Technology Center	Biorecultivation of disturbed landscapes using bacterial organic-mineral fertilizers bombs"made from local raw materials

<p>A. Sulamanidze - Doctor of Technical Sciences, Professor</p> <p>M. Khutsishvili - Candidate of Technical Sciences, Full Professor</p>	<p>Welding Direction of the Faculty of Chemical Technology and Metallurgy</p> <p>Welding Direction of the Faculty of Chemical Technology and Metallurgy</p>	<p>Faculty of Chemical Technology and Metallurgy</p>	<p>Elaboration of the Universal Electricity Circular Welding at the Local Raw Material Base</p>
<p>R. Skhvitaridze - Doctor of Technical Sciences</p> <p>Sh. Verulava</p>	<p>Project Supervisor Scientific Center "NanoWelding of the Faculty of Chemical Technology and Metallurgy Scientific Center "NanoWelding of the Faculty of Chemical Technology and Metallurgy</p>	<p>Scientific Center "Nano Welding"</p>	<p>Basaltic, modified composition and structure, unarmed, monolithic cement concrete technology for road construction</p>
<p>T. Kacharava - Doctor of Agricultural Sciences, Academician of Abkhazia National Academy of Sciences</p> <p>G. Mchedlishvili- Candidate of Technica Sciences, Doctor of Technical Sciences .</p> <p>T. Buachidze N. Tsiklauri L. Koiava</p>	<p>Project Supervisor Study-scientific Center for Biodiversity and Ethno Botanical Skills Application</p> <p>Project Manager, GTU, Faculty of Chemical Technology and Metallurgy</p> <p>Analyst Doctoral Student Doctoral Student</p>	<p>Study-scientific Center for Biodiversity and Ethno Botanical Skills Application</p>	<p>Differentiating the production of heavy metals and radionuclides from phytogenetic resource supplies to obtain ecologically clean raw materials</p>
<p>T. Berberashvili - Associate Professor, Candidate od</p>	<p>GTU, Department of Physics</p>	<p>Department of Physics</p>	<p>Protecting the autonomous platforms of unmanned vehicles using quantum cryptography</p>

Physical and Mathematical Sciences T. Dadiani - Associate Professor, Candidate of Physical and Mathematical Sciences	GTU, Department of Physics		
T. Panjikidze - Doctor of Philosophical Sciences, Full Professor Kh. Kurtanidze - Doctoral Student of Business Administration	GTU, Head of Study-Scientific Sociological Center, Project Supervisor GTU, Chief Specialist of Georgian Business Engineering Faculty, Manager of the GTU Study-Scientific Sociological Center	Study-Scientific Sociological Center	Sociological studies and development aspects of Georgian Technical University (Education, Science, Commercialization)
T. Chakhunashvili - Academic Doctor	Scientific-engineering center "Utilization"	Scientific-engineering center "Utilization"	Innovative technology of aluminum low-temperature cuffs
T. tumanishvili - Doctor of Biological Sciences M. Bochoradze - Master of Biological Sciences	Innovative Transport Ecological Technologies Development Center Innovative Transport Ecological Technologies Development Center	Center for Ecological Technologies	Elaboration and manufacture of restoration device with hard surface welding
V. Samkharadze - Academic Doctor of Technical Sciences V. Shurghaia - Academic Doctor of Technical Sciences	GTU Institute of Water Management GTU Institute of Water Management, Scientific worker of the Melioration Department	GTU Institute of Water Management	The cutting edge of the new construction of the kinetic energy of surface runoff formed as a result of intense rain on the slope
Z. Tsikhelashvili - Doctor of	Direction of Water Resource	Faculty of Construction	"Creation of applied oil separator

<p>Technical Sciences, Full Professor</p> <p>T. Gvelesiani- Doctor of Technical Sciences, Full Professor</p>	<p>Usage, Water Supply and Sewerage</p> <p>GTU, Hydraulics</p>		<p>construction and hydrodynamic reasoning of its operation".</p>
<p>Z. Kiknadze - Candidate of Architecture, Professor</p> <p>T. Chigogidze- Academic Doctor</p>	<p>Architectural informatics and computer planning</p> <p>Faculty of Architecture, Urbanistics and Design.</p>	<p>Faculty of Architecture, Urbanistics and Design.</p>	<p>Compilation of illustrated e-catalogs of multi-year decorative plants and green construction objects compatible with CAD systems for Georgia's climatic conditions</p>
<p>K. Pkhakadze - Doctor of Sciences, GTU Invited Full Professor</p>	<p>Project Supervisor and Manager, Study-Scientific Center for Georgian Language Technologies</p>	<p>Study-Scientific Center for Georgian Language Technologies</p>	<p>Elaboration of (expanded) version of a number of systems required to build a technological alphabet of the Georgian language</p>
<p>A. Tsakadze - Academic Doctor of Technical Sciences</p>	<p>Faculty of Construction, GTU "Construction Design and Expertise Center"</p>	<p>Faculty of Construction</p>	<p>Development of Complex Methodology for Monitoring and Diagnostics of Building Facilities</p>
<p>K. Gorgadze - Professor, Academic Doctor</p> <p>M. Chirakadze - Senior</p>	<p>Supervisor, Institute "Wave", GTU Department of Physics</p> <p>Manager,, Institute "Wave"</p>	<p>Institute "Wave"</p>	<p>A new model of water turbine</p>

<p>Scientific Worker Z. Chakhnakia - Main</p> <p>Scientific Worker N. Ushveridze - Senior</p> <p>Scientific Worker</p>	<p>Institute "Wave", master</p> <p>Institute "Wave"</p>		
<p>L. Chikava - Doctor of Economic Sciences, Professor, Member-Correspondent of Georgian National Academy of Sciences</p> <p>N. Chitanava - Academician of the Georgian Academy of Agricultural Sciences, Professor</p> <p>R. Pirtskhalava (Scientific Worker)</p>	<p>Georgian Industrial Production and Natural Resources Center</p> <p>Georgian Industrial Production and Natural Resources Center</p> <p>Georgian Industrial Production and Natural Resources Center</p>	<p>Georgian Industrial Production and Natural Resources Center</p>	<p>Actual Problems for Enhancing Economic Efficiency of Agricultural Lands and Supply of Residents with Local Production Food</p>
<p>R. Gakhokidze - Doctor of Chemical Sciences, Full Professor, Director of BioEngineering Center</p>	<p>GTU Bioengineering Center</p>	<p>Bioengineering Center</p>	<p>Increasing fertility of granular crops through reduction of chemistry in the soil and lowered soil conditions by means of agribusiness</p>
<p>T. Tumanishvili - Doctor of Technical Sciences, Full Professor</p>	<p>Faculty of Transportation and Mechanical Engineering, Department of Mechanical Engineering and Technology.</p>	<p>Center for Ecological Technologies</p>	<p>Research of new alloy features of fuel</p>
<p>Z. Kovziridze - Doctor of Technical Sciences, Full Professor</p>	<p>Faculty of Chemical Technology and Metallurgy, Material Science Center for Bionanoceramics and bionanocomposites</p>	<p>Faculty of Chemical Technology and Metallurgy</p>	<p>Bioanomedical ceramic and polymeric composites technology, inspection, control</p>

<p>Z. Buachidze - Candidate of Technical Sciences, Senior Scientific Worker, Associate Professor</p> <p>A. Chirakadze -Candidate of Physical and Mathematical Sciences</p>	<p>Project Supervisor, Senior scientific worker at the GTU Institute of Control Systems</p> <p>GTU Faculty of Informatics and Control Systems, Scientific-research Center _ "Engineering Physics" of the Department of Physics</p>	<p>Biomedical Direction of the Faculty of Informatics and Control Systems</p>	<p>Research of basic characteristic parameters of aluminum and self-propagating high-temperature synthesis of manganese oxide concentrations in the high frequency field</p>
<p>V. Kiria - Associate Professor, candidate of Technical Sciences</p>	<p>Faculty of Transportation and Mechanical Engineering. Department of Production Technological Machines and Mechanization, Project Supervisor</p>	<p>Faculty of Transportation and Mechanical Engineering</p>	<p>Elaboration and manufacture of hard surfaces with welding equipment</p>
<p>T. Tsabadze - Academic Doctor</p>	<p>GTU Department of Commercialization</p>	<p>Department of Commercialization</p>	<p>Computer System of Project Assessment Express Analysis</p>
<p>Z. Azmaiparashvili - Full Professor</p> <p>G. Sanadze - Doctor of Engineering, Candidate of Technical Sciences</p> <p>M. Poladishvili</p> <p>G. Murjikneli - Candidate of Technical Sciences, Full Professor</p>	<p>Direction of Measurement Technology and of Microprocessor Systems, Supervisor</p> <p>Project Manager</p> <p>Doctoral Student, დოქტორანტი, Department of Microprocessor and Measuring Systems.</p> <p>Deputy Head of the Faculty of Informatics and Control Systems</p>	<p>Faculty of Informatics and Control Systems</p>	<p>Refrigerator working on the principle of electromagnetic resonance</p>
<p>Z. Padiurashvili -</p>	<p>Faculty of Informatics and Control</p>	<p>Faculty of Informatics</p>	<p>Processing of analytical tools</p>

Professor, Doctor of Technical Sciences	Systems, Project Supervisor , "Analizkheldatsko" (Analytical Instrument)	and Control Systems	for cleaning and wastewater coagulators and clearing processes, preparation of test sample and testing of production under industrial conditions
D. Jagodnishvili - Doctor of Philological Sciences, Professor L. Chkhaidze - Candidate of Technical Sciences	Faculty of Business Engineering, Department of Georgian Philology and Media Technologies Faculty of Informatics and Control Systems, Department of Automation Control Systems	Faculty of Business Engineering	Creation of intellectual dictionary of Georgian language
G. Sanadze - Academician of Georgian Academy of Sciences, Vice President S. Pkhachiashvili - Chemist-Technologist, Scientific Worker	TSU Faculty of Biology, Head of Laboratory TSU, Scientific-research laboratory of problematic photosynthesis	Center for Innovative Technologies for Biogenic Isoprene	An effective innovative method of biogenic isoprene