

Winner Projects of State Science Grants Competition for Applied Research in 2013

N	Project code	Project title	Grant recipient	Key personnel	Leading Organization	Financing Organization	Research Fields
1	AR/318/10-100/12	<a href="#">Development of innovative technologies to obtain new generation nitrogenous fertilizers of prolonged effect with the purpose of environment protection and application in viticulture</a>	Gugava Eldari	Papava Givi, Lomtadze Zauri, Liparteliani Riva, Khotenashvili Nanuli, Gelashvili Nazi	Tbilisi Ivane Javakhishvili State University	Tbilisi Ivane Javakhishvili State University	10
2	AR/155/7-121/12	<a href="#">Landscape-aesthetic analysis of landscape gardening of Tbilisi and its environs, selection of steady plant assortment and elaboration of innovative technologies</a>	Lomidze Jumberi	Gventsadze Liana, Tughushi Karlo, Khmaladze Svetlana, Gogitashvili Eteri	National Botanical Garden of Georgia	Tbilisi city hall, ecology and planting municipal service	7
3	AR/167/6-490/12	<a href="#">ELABORATION OF BRIQUETTE FUEL COMPOSITIONS AND DEVELOPMENT OF TECHNOLOGICAL REGIMEN FOR THEIR PRODUCTION ON THE BASIS OF UTILIZATION OF CARBON-BEARING WASTES</a>	Khutsuriani Natela	Topuria Elza, Usharauli Esma, Gongliashvili Zurabi, Goderdzishvili Ketevani, Mchedlishvili Irine, Chkhaidze Madlena	Tbilisi Ivane Javakhishvili State University	Tbilisi Ivane Javakhishvili State University	6
4	AR/237/10-100/12	<a href="#">Chelates in Agricultur</a>	Bershekenadze Lamze	Zhorzholiani Nani, Gogaladze Maia, Begheluri Givi, Chagelishvili Avtandili	Tbilisi Ivane Javakhishvili State University	Tbilisi Ivane Javakhishvili State University	10
5	AR/344/2-120/12	<a href="#">Practical manuals of the Caucasian languages (Abkhazian, Chechen, Avar, Udi, Ossetian) for high institutions</a>	Baramidze Tsira	Abashia Revazi, Azmaifarashvili Nodari, Lolua Romani, Marghania Rita, Machavariani Nana, Rukhadze Nino, Fareulidze Rostomi, Tigievi Olga	Tbilisi Ivane Javakhishvili State University	Tbilisi Ivane Javakhishvili State University	2
6	AR/228/1-30/12	<a href="#">A Dictionary of Georgian Sign Language</a>	Makharoblidze Tamari		Ilia State University	Ilia State University	1

7	AR/11/8-314/12	<a href="#">New perspectives in advancement of pediatric Hematology/Oncology in Georgia; Setting up of specialized flow cytometry laboratory to improve the diagnostics and management of childhood leukemia and Lymphoma</a>	Shengelia Asmati	Khvedelidze Mamuka, Javakhadze Tamari	Georgian Association of Pediatric Hematology/Oncology	International Association of Children Supported by Leukemia	8
8	AR/201/10-150/12	<a href="#">Development of Technologies of New Generation Diabetic Foods</a>	Kacharava Manana	Silagadze Maria, Fruidze Eliza, Khutsuriani Gulnara	Akaki Tsereteli State University	Akaki Tsereteli State University	10
9	AR/325/6-480/12	<a href="#">Obtaining of ultra-dispersive aluminium oxide on basis of local resources and development of producing of corundum ceramic products</a>	Chedia Roini	Gabunia Vakhtangi, Kurashvili Ia, Sanaia Ekaterine, Kuchukhidze Tinatini, Basaria Fridoni	Ilia Vekua Sokhumi Institute of Physics and Technology	State Military Scientific-Technical Center Delta	6
10	AR/216/6-450/12	<a href="#">Functionally graded polymeric materials of a new type and optical elements on their basis</a>	Nadareishvili Levani	Topuridze Nona, Ebralidze Tarieli, Favlenishvili Ineza, Nakaidze Tamari	Georgian Technical University	Georgian Technical University	6
11	AR/320/5-109/12	<a href="#">Modeling and calculating in practice widely-distributed structures with complicated geometry</a>	Jaiani Giorgi	Pataraia Davit, Avalishvili Gia, Avalishvili Mariam, Vashakmadze Tamaz, Chinchaladze Natalia, Rogava Jemal, Gordeziani Davit	Tbilisi Ivane Javakhishvili State University	Tbilisi Ivane Javakhishvili State University	5
12	AR/215/9-220/12	<a href="#">Utilization of Rational Methods for processing of Oil Residues</a>	Khitiri Gurami	Chikvaidze Iosebi, Gabunia Tinatini	Tbilisi Ivane Javakhishvili State University	Tbilisi Ivane Javakhishvili State University	9
13	AR/209/1-10/12	<a href="#">Georgian Manuscripts in the Regional Depositories of Georgia: Georgian-English Electronic Database</a>	Gloveli Shalva	Chikvaidze Nestani, Gagnidze Grigoli, Otkhmezuri Tamari, Karanadze Maia	LEPL National Centre of Manuscripts	LEPL National Centre of Manuscripts	1
14	AR/308/10-140/12	<a href="#">Introducing and spreading soil mini-till and no-till technologies for production of spicate crops in cereals production zones of the East Georgia</a>	Karchava Otari	Benashvili Mamuka, Tkheldidze Amirani	Agricultural University of Georgia	LTD Alaverdi	10
15	AR/165/1-31/12	<a href="#">Linguistic Portrait of Georgia III – Morphological Annotation and Creation of a Comprehensive Dialect Lexicographic Base of the Georgian Dialect Corpus</a>	Beridze Marina	Bakuradze Lia, Surmava Nargiza, Barikhashvili Maia, Lortkipanidze Liana	Tbilisi Ivane Javakhishvili State University	Tbilisi Ivane Javakhishvili State University	1
16	AR/214/4-150/12	<a href="#">All optical amplifying and coding devices with combined waveguides</a>	Khomeriki Ramazi	Chkhaidze Simoni, Mchedlishvili Giorgi, Tkeshelashvili Lasha, Toklikishvili Zaza, Ugulava Archili	Tbilisi Ivane Javakhishvili State University	Tbilisi Ivane Javakhishvili State University	4

17	AR/373/9-120/12	<a href="#">Improvement and expansion of the regional forecasting system of the state of the easternmost part of the Black Sea including forecast of transport of polluting substances</a>	Kordzadze Avtandili	Demetrashvili Demuri, Surmava Aleksandre, Kvaratskhelia Diana, Kukhalashvili Vefkhia	Tbilisi Ivane Javakhishvili State University	Tbilisi Ivane Javakhishvili State University	9
18	AR/137/4-110/12	<a href="#">Development of Grid Infrastructure and Services to Support Research Communities in Georgia</a>	Ghvedashvili Giorgi	Kvatadze Ramazi, Gogua Tamari, Gedevanishvili Irakli, Chiladze Badri, Makhviladze Mikheili, Mikuchadze Giorgi	Tbilisi Ivane Javakhishvili State University	Georgian Research and Educational Networking Association, Tbilisi Ivane Javakhishvili State University	4
19	AR/220/4-100/12	<a href="#">Development of an innovative real-time polarimetric device for determining the distribution of stressed state in different constructions and components</a>	Kakauridze Giorgi	Chaganava Irakli, Kilasonidze Barbara, Mshvenieradze Luri	Georgian Technical University	Georgian Technical University	4
20	AR/303/8-315/12	<a href="#">The use of nanotechnologies to reveal new cost-effective and quality-effective agents in the processing of postmortem and postoperative tissue samples in pathology</a>	Burkadze Giorgi	Kargareli Vakhtangi, Kikalishvili Nana	Levan Samkharauli National Forensics Bureau	Levan Samkharauli National Forensics Bureau	8
21	AR/327/9-240/12	<a href="#">Multifunctional Data Acquisition and Processing System for the Complex Environmental Monitoring</a>	Elashvili Mikheil	Basilaia Giorgi, Gunia Irakli	Ilia State University	New England Research	9
22	AR/200/9-250/12	<a href="#">Vulnerability Assessment of the Sensitive Sections appeared as a result of Ecocide in resort Borjomi valley caused by Russia (2008 Year) and Development of effective strategy against Degradation of Soils</a>	Chakhaia Goga	Bosikashvili Shallva, Varazashvili Zurabi	Georgian Technical University	Georgian Technical University	9
23	AR/321/3-195/12	<a href="#">Efficient Technologies for Producing Diamond Composite Materials Used in Drilling and Civil Engineering</a>	Loladze Nikoloz	Tserodze Medea, Tserodze Shota, Avalishvili Zurabi, Maisuradze Nodari	Georgian Technical University	Georgian Technical University	3
24	AR/341/4-160/12	<a href="#">Ground station and mission control center for communication with university nanosatellites</a>	Veshapidze Giorgi	Kvavadze Daviti	Ilia State University	Ilia State University	4
25	AR/139/9-150/12	<a href="#">The production potential of gold and extraction ecological problems of ore bearing region of Bolnisi</a>	Kvatashidze Revazi	Geleishvili Vazha	Tbilisi Ivane Javakhishvili State University	Tbilisi Ivane Javakhishvili State University	9
26	AR/140/9-150/12	<a href="#">Georgian Natural Stones</a>	Geleishvili Vazha	Machavariani Otari, Arevadze Daviti	Tbilisi Ivane Javakhishvili State University	Tbilisi Ivane Javakhishvili State University	9

27	AR/347/3-120/12	<a href="#">Working out of the rational technologies and devices for the processing of the clinical nutrition vegetable raw material</a>	Megrelidze Tamazi	Gugulashvili Givi, Ghvachliani Vitali, Sadaghashvili Eteri	Georgian Technical University	Georgian Technical University	3
28	AR/206/6-130/12	<a href="#">Development of radiation resistant structural ceramics for friction units working under extreme conditions (pilot samples creation and testing)</a>	Kvachadze Vakhtangi	Tavkhelidze Valeri, Arabajiani Norairi, Mikeladze Archili, Mestvirishvili Zviadi, Abramishvili Gocha	Tbilisi Ivane Javakhishvili State University	Tbilisi Ivane Javakhishvili State University	6
29	AR/21/8-340/12	<a href="#">Experimental Development of the Heart-Lung Bypass Machine for Use in the Field Operations</a>	Chkhaidze Zurabi	Khodeli Nodari	Tbilisi Ivane Javakhishvili State University	Tbilisi Ivane Javakhishvili State University	8
30	AR/357/1-10/12	<a href="#">Online Bilingual Georgian-English Catalogue of Georgian Numismatics</a>	Dundua Tedo	Pipia Natia, Tavadze Leri, Chikobava Akaki, Tabuashvili Apoloni, Boshishvili Aleksandre, Kharshiladze Nino, Avdaliani Emili, Dundua Giorgi	Tbilisi Ivane Javakhishvili State University	Tbilisi Ivane Javakhishvili State University	1
31	AR/329/6-110/12	<a href="#">Study of RF exposure influence and EM pollution</a>	Prishvini Mikheil	Bibilashvili Lali, Jeladze Veriko, Zaridze Revazi	Tbilisi Ivane Javakhishvili State University	Tbilisi Ivane Javakhishvili State University	6
32	AR/375/3-171/12	<a href="#">Processing of organic waste for producing of industrial energetic hydrocarbons</a>	Chirakadze Archili	Bibiluri Daviti, Sharikadze Levani, Buachidze Zakaria, Batsikadze Iosebi	Georgian Technical University	Novoreteki	3
33	AR/25/8-338/12	<a href="#">Comparison of local and regional anaesthesia in arterio-venous fistula formation for the patients with chronic kidney disease</a>	Chkhotua Archili	Shoshiashvili Vakhtangi	Clinical and scientific development fund of adults and children urology	Clinical and scientific development fund of adults and children urology	8
34	AR/319/2-154/12	<a href="#">"Accessibility of the Audio Materials Kept in the Folklore Archive by Means of Digitalization and Electronic Systematization"</a>	Khukhunaishvili-Tsikaluri Meri	Dadunashvili Elguja, Makalatia Daviti, Turashvili Marine, Shughliashvili Daviti, Ratiani Irma	Tbilisi Ivane Javakhishvili State University	Tbilisi Ivane Javakhishvili State University	2
35	AR/108/1-20/12	<a href="#">Reception of Antiquity in Georgian Literature</a>	Tonia Nana	Koplatadze Gvantsam Kobakhidze Ekaterien, Khintibidze Zaza, Danelia Maia, Ugulava Giorgi	Tbilisi Ivane Javakhishvili State University	Tbilisi Ivane Javakhishvili State University	1
36	AR/182/3-102/12	<a href="#">Coevolutionary Method of Heat and Cold Supply for The Black Sea coast of Georgia</a>	Jamarjashvili Vazha	Lortkipanidze Merabi, Tumanishvili Givi	Georgian Technical University	Georgian Technical University	3

37	AR/282/10 150/12	<a href="#">Development of nanobiotechnology for monitoring of genetically modified foods</a>	Datukishvili Nelly	Karseladze Marina, Kutateladze Tamari, Gabriadze Inga, Vishnepolski Borisi,Bitskinashvili Kakha	Iliia State University	Marneuli Food Factory	10
38	AR/323/10 100/12	<a href="#">Purposefulness of Mulberry (Morus) multilateral; usage and the economic efficiency in conditions of Georgian mountains and valleys.</a>	Dalalishvili Tina	Choladze Emzari, Nikolesihvili Giorgi	Agricultural University of Georgia	Agricultural University of Georgia	10

Scientific Fields

1	Georgian studies
2	Humanities,economics and social sciences
3	Engeneering,high technologies
4	Information technologies. Telecommunications
5	Mathematical sciences
6	Physical and chemical sciences
7	Life sciences
8	Medical sciences
9	Earth sciences, environment
10	Agricultural sciences