

## Curriculum Vitae Grdzeldze Maia

### I. I. Personal Data

Last Name:	Grdzeldze	First Name:	Maia	Father's name:	Gurami
Date of Birth:	1964/12/31	Citizenship:	Georgian		
Personal Number:	60001031707	Gender:	Female		
Address:	Kutaisi, Gelati st. #117				
Phone Number:	577-31-59-01				
E-mail Address:	maia.grdzeldze@atsu.edu.ge				

### II. Education

Years	Name of the Institution	Specialty	Qualification	Diploma Number (with reference to the series)
01.01.1994 - 25.08.1999	Kutaisi. N. Muskhelishvili State Polytechnic Institute	Graduate schools	Candidate of Technical Sciences	MB #094284
01.09.1982 - 15.06.1987	Kutaisi. N. Muskhelishvili State Polytechnic Institute	Faculty of Mechanical Engineering	Engineer-technologist (leather goods)	# 003260

### Academic / Scientific Degree

Degree-Awarding Year	Name of the Institution	Specialty and Dissertation Title	Qualification	Diploma Number
14.06.2002	N. Muskhelishvili Kutaisi State Technical University	Designing of measuring apparatus and method of assortment classification for the diagnostic of the optimal choice of shoes	04. Industrial Engineering, Doctor	MB #094284

### III. Scientific-Pedagogical Activities

Years	Name of the Institution	Academic Position
Sense 01.04.2014	Akaki Tsereteli State University. Applied design, textile and light industry technology department	Professor
01.04.2010 - 31.03.2014	Akaki Tsereteli State University. The department of the using technology of design and the light production.	Associate Professor
01.09.2006 - 31.03.2010	Akaki Tsereteli State University. The department of the using technology of design and the light production.	Assistant professor
01.09.2002 - 31.08.2006	Kutaisi State Technical University. The department of the design, construction and technology.	Docent
01.09.1999 - 31.08.2002	Kutaisi Technical University. The department of the design, construction and technology.	Asistant, Head of Laboratory
01.09.1987 - 31.12.1993	Kutaisi polytechnical Institute. The department of the leather materials and the machines of the light industry.	Asistant

### IV. Administrative Positions

Years	Organization	Department (Service)	Position
24.09.2015	Akaki Tsereteli State University	Engineering-technology faculty	Dean
09.01.1988 - 09.01.1990	Kutaisi Technical University	The department of the leather materials and the machines of the light industry	Vice head

**V. Other Activities**

Years	Organization	Position
01.10.2013-05.10.2015	Akaki Tsereteli State University.	Member of the Academic Board
30.06.2011-01.07.2015	Akaki Tsereteli State University. Engineering-technology faculty.	Member of the Dissertation Board

**VI. Knowledge of Foreign Languages**

Foreign Language	Reading	Listening	Speaking	Writing
English Language	B1	A2	B1	A2
Russian Language	C2	C2	B2	C1

A1 and A2 - Initial base user; B1 and B2 - Independent user; C1 and C2 - Professional user

**VII. Computer Skills** (use  symbol)

	Starting level	Average level	Good	Very good
Microsoft Office Word				√
Microsoft Office Excel				√
Microsoft Office PowerPoint				√
Adobe Photoshop			√	
3D Max		√		

**VIII. List of Scientific Works (during of 2011-2017)**

**8.1. Scientific Article within the Framework of the Educational Program:**

8.1.1. Scientific Publications with the Impact Factor

№	Author / Authors	Title of the Article	Title of the Scientific Journal	Vol.	Series №	Year	Pages
1							

8.1.2. Internationally Refereed Scientific Journals

№	Author / Authors	Title of the Article	Title of the Scientific Journal	Vol.	Series №	Year	Pages
1.	Grdzeldze M.	statistical evaluation and analysis of the results of shoes wear test method for a pilot study.	Magyar Tudományos Journal. (Budapest, Hungary) <a href="http://magyar-journal.com/en/magyar-tudomanvos-journal/">http://magyar-journal.com/en/magyar-tudomanvos-journal/</a> .		11	2017	30-34
2.	Grdzeldze M.	The research of trauma correction of sportsmen foot and means of prevention of it.	SCIENTIFIC ENQUIRY IN THE CONTEMPORARY WORLD: THEORETICAL BASICS AND INNOVATIVE APPROACH. B&M Publishing Research and Publishing Center «Colloquium». San Francisco, California. DOI: <a href="http://doi.org/10.15350/L_26/10/5">http://doi.org/10.15350/L_26/10/5</a> . <a href="http://www.colloquium-publishing.ru/1_doc/L_26_10.pdf">http://www.colloquium-publishing.ru/1_doc/L_26_10.pdf</a> .	L_26		2017	120-124
3.	Grdzeldze M.	The problem of dimensional typology of the foot for the normal functioning of the musculoskeletal system	The Scientific journal “Norwegian Journal of development of the International Science”. <a href="http://www.njd-iscience.com/wp-content/uploads/2017/04/NJD_5_2.pdf">http://www.njd-iscience.com/wp-content/uploads/2017/04/NJD_5_2.pdf</a>	2	5	2017	90-94

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4.	M. Grdzeldze.	Requirements for Diabetic shoes generated by category of patients with Diabetic foot syndrome.	Pressing issues and Priorities in Development of the Scientific and Technological complex. Research articles. 2 <sup>th</sup> edition. B&M Publishing. San-Francisco, California, USA.	L17	2	2015	46-50
5.	M. Grdzeldze.	Study of the anatomy of the Diabetic foot, taking into account the categories of pathology.	Pressing issues and Priorities in Development of the Scientific and Technological complex. Research articles. 2 <sup>th</sup> edition. B&M Publishing. San-Francisco, California, USA.	L17	2	2015	41-45
6.	M. Shalamberidze, M. Grdzeldze, M. Tatvidze.	Physical-mechanical properties of Butadiene-styrene Termoplastic elastomers with a Latent hardener for orthopedic shoes bottom part.	“SCIENTIFIC ENQUIRY IN THE CONTEMPORARY WORLD: THEORETICAL BASICS AND INNOVATIVE APPROACH”. Vol. 4. Natural sciences & technical sciences. Research articles. 4 <sup>th</sup> edition. B&M Publishing. San-Francisco, California, USA.	L26	4	2015	41-45
7.	M. Shalamberidze, M. Grdzeldze, M. Tatvidze.	Study of reological properties of Termoplastic elastomers with a Latent hardener for orthopedic shoes bottom part.	“SCIENTIFIC ENQUIRY IN THE CONTEMPORARY WORLD: THEORETICAL BASICS AND INNOVATIVE APPROACH”. Vol. 4. Natural sciences & technical sciences. Research articles. 4 <sup>th</sup> edition. B&M Publishing. San-Francisco, California, USA.	L26	4	2015	36-40
8.	M. Shalamberidze, M. Grdzeldze, M. Tatvidze.	Study of physical and mechanical properties of Butadiene-Styrene polymers for the bottom of children's orthopedic shoes	BULLETIN of National Polytechnical University of Armenia. Chemical and nature protection technologies.		1	2015	50-54
	Shalamberidze M. Grdzeldze M. Tatvidze M.	Optimization of polymer compositions for the prosthetic fitting of lower limb. .	“Scientific Enquiry In The Contemporary World: Theoretical Basics And Innovative Approach” Research articles. B&M Publishing. San-Francisco, California, USA.	L26	5	2014	52-55
9.	Grdzeldze M. Shalamberidze M.	Statistical assessment of results of research of inhabitants of Georgia with a diabetes disease	“Scientific Enquiry In The Contemporary World: Theoretical Basics And Innovative Approach” Research articles. B&M Publishing. San-Francisco, California, USA.	L26	5	2014	46-51
10.	Shalamberidze M. Grdzeldze M.	Research of process of structuring polikhlороrenovy rubbers with a latent hardener.	Innovative Development Trends in Modern Technical Sciences: Problems and Prospects. Research articles. B&M Publishing. San Francisco, California, USA.	L6		2013	178-181
11.	Shalamberidze M. Grdzeldze M.	Optimization of durability glutinous connection for special orthopedic footwear.	Innovative Development Trends in Modern Technical Sciences: Problems and Prospects. Research articles. B&M Publishing. San Francisco, California, USA.	L6		2013	174-177
12.	Grdzeldze M. Shalamberidze M.	Perspective of dimensional standards taking into account age factors	The Kiev National University of Technology and Design. J."Technology and design". <a href="http://www.nbuв.gov.ua/">http://www.nbuв.gov.ua/</a>	7	2	2013	
13.	Grdzeldze M. Shalamberidze M.	The problems of foot pathology	The Kiev National University of Technology and Design. J."Technology and design". <a href="http://www.nbuв.gov.ua/">http://www.nbuв.gov.ua/</a>	7	2	2013	
14.	Grdzeldze M. Katamadze A. Shalamberidze M.	Studying of laws of the sizes and forms of diabetic foot taking into account categories of pathological deviations	“Vestnik” The Kiev National University of Technology and Design,	60	5	2011	129-132
15.	Grdzeldze M.. Katamadze A. Shalamberidze M.	Formation of the requirements shown to diabetic footwear on categories sick syndrome of diabetic foot	“Vestnik” The Kiev National University of Technology and Design,	60	5	2011	125-128
16.	Grdzeldze M. Katamadze A.	Results of anthropometrical researches of	“Vestnik” The Kiev National University of Technology and	58	2	2011	168-

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	Shalamberidze M.	habitants of Georgia with the disease of diabetes	Design,				172
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### 8.1.3. Publication in a Refereed Journal in Georgia

№	Author / Authors	Title of the Article	Title of the Scientific Journal	Vol.	Series №	Year	Pages
1.	M. Grdzeldze, N. Tkheldze	The modern aspects of approach to educational programs of industrial engineering direction	Georgian Technical University. Business Engineering – Quarterly refereed and reviewed International scientific Journal. Tbilisi. ISSN 1512-0538.		3	2017	247-250
2.	N. Tkheldze M. Grdzeldze	The role of production quality control for the optimal management of the manufacturing	Georgian Technical University. Business Engineering – Quarterly refereed and reviewed International scientific Journal. Tbilisi. ISSN 1512-0538.		3	2017	269-271
3.	M. Grdzeldze, N. Tkheldze	The meaning of the quality control in ensuring production efficiency	Periodical scientific journal Khandzta, Kutaisi-Tbilisi.	18	13	2016	54-57
4.	N. Tkheldze M. Grdzeldze	The statistical methods of an assessment of the production quality	Periodical scientific journal Khandzta, Kutaisi-Tbilisi.	18	13	2016	28-32
5.	N. Tkheldze M. Grdzeldze	Art creation of Costume and functions of fashion	Periodical scientific journal Khandzta, Kutaisi-Tbilisi.	19	14	2016	77-81
6.	E. Meladze M. Shalamberidze M. Grdzeldze	Requirements imposed on the footwear for prevention of flat foot	Periodical Scientific Journal Goni, ISSN 1512-066X. Kutaisi.		3	2015	196-198
7.	Grdzeldze M.G.	Methods for prevention of traumatic risk-factors in athletes	Periodical Scientific Journal Goni, ISSN 1512-066X. Kutaisi		3	2015	190-192
8.	M. Grdzeldze, N. Tkheldze, A. Katamadze	About the development of foot-wears, as a component of the material culture	Periodical Scientific Journal Goni, ISSN 1512-066X. Kutaisi.		3	2015	171-173
9.	M. Grdzeldze N. Tkheldze	Georgian Kalamany	Periodical scientific journal Khandzta, Kutaisi-Tbilisi.	16	11	2015	148-151
10.	Grdzeldze M.G.	The problem of the foot sizes diagnostics	Periodical scientific journal Khandzta, Kutaisi-Tbilisi.	16	11	2015	24-28
11.	Ugrekheldze I. Dolidze N. Grdzeldze M.	Change in the posture of women depending on the heel height of shoes	Georgian Engineering News. GEN, International Engineering Academy.		3	2014	91-95
12.	Grdzeldze M.G. Shalamberidze M.M.	Pathogeneses of traumatism of feet of athletes	Georgian Engineering News. GEN, International Engineering Academy.		2	2014	134-136
13.	Grdzeldze M.G. Shalamberidze M.M.	Etiology of deformation of feet of athletes	Georgian Engineering News. GEN, International Engineering Academy.		2	2014	132-134
14.	Grdzeldze M.G. Shalamberidze M.M.	Normalization of a lokomotion of feet of athletes for traumatism prevention	Periodical scientific journal Khandzta, Kutaisi-Tbilisi.	15	10	2014	47-50
15.	Grdzeldze M.G. Shalamberidze M.M.	Main types of deformation of feet of athletes	Periodical scientific journal Khandzta, Kutaisi-Tbilisi.	15	10	2014	43-46
16.	Grdzeldze M.G.	About a problem of comfort of sports shoes	Periodical Scientific Journal Goni, ISSN 1512-		1	2014	57-60

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	Shalamberidze M.M.		066X. Kutaisi.				
17.	Grdzelidze M.G. Shalamberidze M.M.	Regulation a ratio between demand and delivery from optimization of standard parameters	Periodical Scientific Journal Goni, ISSN 1512-066X. Kutaisi.		1	2014	48-56
18.	Grdzelidze M.G.	Devices for prevention of sports injuries	Kutaisi Scientific Center. Periodic scientific journal Novation. Kutaisi.		13	2014	291-294
19.	M. Grdzelidze, N. Tkhelidze	Ensuring production efficiency with use of statistical methods of quality control of production	Periodical scientific journal Khandzta, Kutaisi-Tbilisi.	14	9	2014	41-47
20.	A. Katamadze M. Grdzelidze	Processing the rational sizing system of footwear	Bulletin of Akaki Tsereteli State Universiti. Kutaisi.		1	2013	131-136
21.	N. Tkhelidze M. Grdzelidze	Quality control role in prevention of defects of production of light industry	Georgian Technical University. Business Engineering Journal. Tbilisi. ISSN 1512-0538.		2	2013	145-153
22.	Grdzelidze M.G. Shalamberidze M.M.	Regulation a ratio between demand and delivery from optimization of standard parameters	Georgian Technical University. Georgian Engineering Academy. Business Engineering - Quarterly Referential and Reviewed Scientific Journal ISSN 1512-0538. Tbilisi.		3	2013	38-48
23.	Shalamberidze M. Grdzelidze M.	Investigation of the composition of butadiene - styrene thermoplastics for the bottom and optimization of the process-dependent parameters of their structuring	Georgian Engineering News. GEN, International Engineering Academy.		1	2013	168-171
24.	Shalamberidze M. Grdzelidze M. Tatvidze M.	Investigation of the heat-shielding properties of orthopedic footwear	Georgian Engineering News. GEN, International Engineering Academy.		1	2013	165-168
25.	Grdzelidze M.G. Shalamberidze M.M.	Physical-hygienic properties of sports footwear	Georgian Engineering News. GEN, International Engineering Academy.		4	2012	121-123
26.	Grdzelidze M.G. Shalamberidze M.M.	On the consumer properties of sports shoes	Georgian Engineering News. GEN, International Engineering Academy.		4	2012	117-120
27.	Grdzelidze M.G. Shalamberidze M.M. Purskhvanidze G.N.	The problems of automated designing of the space forms of lasts	Georgian Engineering News. GEN, International Engineering Academy.		2	2012	129-131
28.	Shalamberidze M. Grdzelidze M. Tatvidze M.	Polymeric compositions for the bottom of orthopedic shoes of children	Georgian Engineering News. GEN, International Engineering Academy.		2	2012	126-129
29.	Grdzelidze M.G. Shalamberidze M.M.	Georgian national shoe design features of the development	Periodical scientific journal Khandzta, Kutaisi-Tbilisi.	10	5	2012	161-165
30.	Shalamberidze M. Lomtadze N. Grdzelidze M.	Influence latent cured on physical-mechanical properties butadien-stirol rubbers	Proceedings of the georgian national academy of sciences. Chemical series. Tbilisi.	38	1	2012	110-112
31.	Grdzelidze M Shalamberidze M.	Results of the anthropometric study on the feet of Georgians suffering from diabetes	Georgian Engineering News. GEN, International Engineering Academy.		3	2011	120-123
32.	Grdzelidze M Shalamberidze M.	Classification of diabetic feet from dependence on categories pathological deviation	Georgian Engineering News. GEN, International Engineering Academy.		3	2011	116-119
33.	Grdzelidze M.	The foot as a biomechanical center of the musculoskeletal system	Georgian Engineering News. GEN, International Engineering Academy.		2	2011	133-136

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34.	Grdzeldze M.	Statistical estimation and analysis of the results of the experimental investigation method of testing operation	Georgian Engineering News. GEN, International Engineering Academy		2	2011	51-55
35.	Grdzeldze M Katamadze A Shalamberidze M.	Increase in comfort of footwear fast formation of details of a bottom	Kutaisi Scientific Center. Periodic scientific journal: Novation.		8	2011	24-28
36.	Grdzeldze M Katamadze A Shalamberidze M.	New method of reception of insole of the stereoform of foot	Kutaisi Scientific Center. Periodic scientific journal: Novation.		8	2011	29-33
37.	Grdzeldze M Katamadze A Shalamberidze M.	Problematics and ways of the decision of a pathology and foot deformation	Georgian Scientific News.Кутаиси.	9	1	2011	17-21
38.	Grdzeldze M.	Dynamics and walking structure	Georgian Engineering News. GEN, International Engineering Academy.		1	2011	144-148

### 8.1.4. In Other Scientific Journals

№	Author / Authors	Title of the Article	Title of the Scientific Journal	Vol.	Series №	Year	Pages
1							
2							

### 8.1.5. Presentation / Exhibition of Works, Creation / Display of Models

№	Author / Authors	Title of the Article	Title of the Scientific Journal	Vol.	Series №	Year	Pages
1							
2							

### 8.2. Editorial Board Membership of International Scientific Publications

№	Title of the Scientific Publication	Position
1.	25.10.2017 - 25.10.2017. Scientific-Practical Conference MODERN CHEMICAL TECHNOLOGIES 25 October. (ISBN 978-99940-52-27-1).	Member of Editorial board
2.	27.11.2014 - 28.11.2014. AKAKI TSERETELI STATE UNIVERSITY, INTERNATIONAL SCIENTIFIC – PRACTICAL CONFERENCE - „SCAIENCE AND INNOVATIVE TECHNOLOGIES“	Editor (Collection of Scientific Works).
3.	Since 01.03.2014. Periodical scientific journal „GONI“ (ISSN 1512-066X)	Member of editorial board
4.	Since 01.01.2014. Periodical scientific journal „Khandzta“ (ISSN 15 12 - 3812) - №04-06/100. 10.12.09.	Member of editorial board
5.	01.10.2013 - 05.10.2015. Akaki Tsereteli State University. The Academic Council.	The member
6.	30.06.2011 - 01.07.2015. Akaki Tsereteli State University. The engineering-technological department Scientific Secretary of the Scientific Council	The member
7.	19.05.2011 - 20.05.2011. AKAKI TSERETELI STATE UNIVERSITY, INTERNATIONAL SCIENTIFIC – PRACTICAL CONFERENCE - „INNOVATIVE TECHNOLOGIES AND APPLIED DESIGNS“	Editor (Collection of Scientific Works)
8.	Since 10.01.2008. Association of professional women “Hundred Georgian Women”	The member

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### 8.3. Editorial Board Membership of National Scientific Publications

№	Title of the Scientific Publication	Position

## IX. Participation in Grant Projects Within the Framework of the Educational Program (during of 2011-2017)

### 9.1. Scientific Grant Funded by International Donor Organizations

№	Years	Scientific Fund	№ - Project Title	Status in the Project

### 9.2. Scientific Grant Presented to International Donor Organizations

№	Years	Scientific Fund	№ - Project Title	Status in the Project

### 9.3. Scientific Grant Funded by Shota Rustaveli National Science Foundation

№	Years	Scientific Fund	№ - Project Title	Status in the Project
1	2012- 2016	Shota Rustaveli National Science Foundation	FR/697/10-140/12 Research of Producing Ecologically Clean Goods Using in Bridge Technology with robot machines	Administrator
2	2013-2016	Shota Rustaveli National Science Foundation	FR/281/8-403/13. Investigation of Some Georgian Natural Resources for Elaborating Drug Dosage Forms for the Local Treatments of Dermatomycoses	Project Manager, researcher-experimenter
3	2011-2015	Shota Rustaveli National Science Foundation	FR/572/3-220/11. Treatment of diabetic foot with medical napkins	Project Manager, constructor-researcher
4	2009-2012	National Science Foundation	№08/7-479 Processing the special medical orthopedic footwear for the diabetics	Project Manager, constructor-researcher

### 9.4. Scientific Grant Funded by Shota Rustaveli National Science Foundation

№	Years	Scientific Fund	№ - Project Title	Status in the Project
1.	2011	Shota Rustaveli National Science Foundation	„ Processing the Special Medical Orthopedic Footwear for the Diabetics by modern technologies“. AR/229/3-220/11. 87,5 points	Project Manager
2.	2011	Shota Rustaveli National Science Foundation	Normalization of the Gerontological Problems of Support- motive System with the Innovative Technologies of the Orthopedic Means. FR/133/3-220/11. 89,5 points	Principal Investigator
3.	2011	Shota Rustaveli National Science Foundation	„ Research of Producing Ecologically Clean Goods Using in Bridge Technology“. FR/23/10-140/11. 87 points	Programmer
4.	2011	Shota Rustaveli National Science Foundation	„ The Rate of Toxocarosis in Georgia (on an example of Imereti Region) and Investigation of Its Role in Development of Allergic Diseases. FR/138/8-343/11. 88 points	Programmer
5.	2011	Shota Rustaveli National	"Medical Textile in Oncology". FR/565/3-220/11. 88,5 points	Project Manager

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		Science Foundation		
6.	2011	Shota Rustaveli National Science Foundation	„ INNOVATIVE TECHNOLOGIES AND APPLIED DESIGNS “Conference Grants Competition. CF/10/3-220/11.	Principal Investigator
7.	2012	Shota Rustaveli National Science Foundation	„ Processing of Innovate Constructions and Technologies of Medical-Orthopedic Means in oOrder to Correct the Gerontological Problems of Support- Motive System“. FR/260/3-220/12 89,5 points	Principal Investigator
8.	2012	Shota Rustaveli National Science Foundation	„ Processing and Producing the Medical-Orthopedic Means for the Pathologies of Support-Motive System of Children and Adolescents with Innovative Technologies. 2012. AR/190/3-220/12. 90,5 points	Constructor-researcher
9.	2012	Shota Rustaveli National Science Foundation	„ Development of Novel Technology of Medical Textile for Treatment of Trophic Ulcers“. FR/349/3-220/12. 87,5 points	Programmer
10.	2012	Shota Rustaveli National Science Foundation	„Oncology and Medical Textile“. FR/348/3-220/12. 89 points	Programmer
11.	2012	Shota Rustaveli National Science Foundation	„ The Rate of Toxocarosis in Georgia (on an example of Imereti Region) and Investigation of its Role in Development of Allergic Diseases“. FR/648/8-343/12. 86,5 points	Project Manager
12.	2012	Shota Rustaveli National Science Foundation	"Prophylactic and technical treatment of anti-hypodinamic action for operators working in transport transportation". FR/477/3-130/12. 89,5 points	Project Manager
13.	2013	Shota Rustaveli National Science Foundation	„The Age Pathogenesis of Support-motive System of Elderly, Processing of Means of Deformation Correction and Household Injuries prevention. “ FR-363-8-321-13. 94 points	Principal Investigator
14.	2013	Akaki Tsereteli State University	Development of medical-orthopedic remedies for correction of foot pathology of children	Principal Investigator
15.	2014	Shota Rustaveli National Science Foundation	Computerized Diagnostics of Diabetic Foot and Correction by Prosthetic-Orthopedic Devices. AR/36/8-321/14	Anthropologist-researcher
16.	2014	Shota Rustaveli National Science Foundation	Pathogenesis of Sportsmen’s Feet traumatism, Stady Correction and Prevention Means of Deformations. FR/57/8-321/14. 92,5 points	Principal Investigator
17.	2016	Shota Rustaveli National Science Foundation	Research of Georgian Leather Ethno-Items' Evolution and Processing of Illustrate-cognitive Catalogue. SRNSF Fundamental (Basic) Research Grants Submission: 216794.	Principal Investigator
18.	2016	Shota Rustaveli National Science Foundation	Drawing out Means of Prevention of Correction of Gerontologic Deformations of Musculoskeletal System. AR 216756. 50,67 points (from 55 points). Moved to the second stage.	Project Coordinator
19.	2017	Shota Rustaveli National Science Foundation	EGEL & ICC Studying the Evolution of Georgian Leather Ethno-Products Existing in Georgia and Abroad and Developing an Illustrated-Cognitive Catalogue. HE17_04.	Principal Investigator
20.	2017	Shota Rustaveli National Science Foundation	Drawing out geriatric-preventive means on the basis of research of etiology of musculoskeletal system's age-related pathologies. FR2017/FR17_8	Principal Investigator

### 9.5. ATSU Funded Scientific Grant

№	Years	Scientific Fund	№ - Project Title	Status in the Project

### X. Educational / Creative Projects (during of 2011-2017)

№	Years	Scientific Fund	№ - Project Title	Status in the Project
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**XI. Participation in Scientific Conferences / Symposia Within the Framework of the Educational Program (during of 2011-2017)**

11.1. Preparation and Publication of a Report at an International Scientific Conference / Symposium

№	Year	Conference Title	Title of the Report	Country, City
1.	2017	The 5 th International Economic Conference - IEC 2017 - National Economic Development Models: Yesterday, Today, Tomorrow - Georgian Technical University, Akaki Tsereteli State University.	The modern aspects of approach to educational programs of industrial engineering direction	Georgia. Kutaisi-Tbilisi
2.	2017	The 5 th International Economic Conference - IEC 2017 - National Economic Development Models: Yesterday, Today, Tomorrow - Georgian Technical University, Akaki Tsereteli State University.	The role of production quality control for the optimal management of the manufacturing	Georgia. Kutaisi-Tbilisi
3.	2017	HENTI 2017 – The SECOND INTERNATIONAL CONFERENCE: HIGHER EDUCATION, NEW TECHNOLOGIES AND INNOVATIONS. Akaki Tsereteli State University. <a href="http://atsu.edu.ge/Conferences/HENTI/index.php?lng=En">http://atsu.edu.ge/Conferences/HENTI/index.php?lng=En</a> .	The Recommendations on Conducting Vocational Training Programs for Professional Personnel for Industrial Sectors by Using Modular Methodology	Georgia. Kutaisi.
4.	2017	International scientific– practical conference – Agricultural and Transport Machines: Davelpment Prospects in Response to Modern Requirements of Standardization and Quality Manegement.	Analysis of prevention state of occupational diseases in agricultural sector	Georgia. Kutaisi.
5.	2017	International scientific– practical Online-Conference: Problems and Prospects of Regional Tourism Development. Ministry of science and education of Georgia. Shota Rustaveli National Science Foundation. Georgian Technical University. Akaki Tsereteli State University.	Footwear as the most important attribute of tourist equipment	Georgia. Kutaisi.
6.	2017	International scientific– practical Online-Conference: Problems and Prospects of Regional Tourism Development. Ministry of science and education of Georgia. Shota Rustaveli National Science Foundation. Georgian Technical University. Akaki Tsereteli State University.	Means of safe touristic journeys for minimizing risk factors	Georgia. Kutaisi.
7.	October 20, 2016	Scope Academic house. 4 <sup>th</sup> International Conference “Economy Modernization: New Challenges and Innovative Practice”, DOI: <a href="http://doi.org/10.15350/UK_3/4">http://doi.org/10.15350/UK_3/4</a> . <a href="http://www.colloquium-publishing.ru/doc_konf_eng/UK_3_4.pdf">http://www.colloquium-publishing.ru/doc_konf_eng/UK_3_4.pdf</a>	The problem of drawing out the means of normalizing foot age deformations in Georgia.	Sheffield, United Kingdom of Great Britain and Northern Ireland.
8.	19-20. 05. 2016	International scientific-practical conference - Modern Engineering technologies and environment protection.	The value of convenience of the shoe in the pathogenesis of pathologies	Georgia. Kutaisi.
9.	19-20. 05. 2016	International scientific-practical conference - Modern Engineering technologies and environment protection.	Classification of pathologic foot according to general natural features	Georgia. Kutaisi.
10.	31.03.2016	International Scientific Organization COGNITIO. International Scientific – Practical Conference - Actual problems of science of the XXI century.	Shoes, as the main reason etiologies of foot pathology	Moskow, Russia
11.	25.12.2015.-	International scientific– practical on-line-conference - Innovations in	Recommendations for preventing the occupational diseases	Georgia. Kutaisi.

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	25.01.2016.	Agrarian Sciences. Shota Rustaveli National Science Foundation. Akaki Tsereteli State University.	risk of labor in Agro-sector	
12.	25.12.2015.- 25.01.2016.	International scientific– practical on-line-conference - Innovations in Agrarian Sciences. Shota Rustaveli National Science Foundation. Akaki Tsereteli State University.	Statistical analysis of using agricultural chemistry and risks of industrial diseases in Georgia	Georgia. Kutaisi.
13.	14-15. 11. 2015	International scientific conference - Culture and Art: Research and Management. Batumi Art State Teaching University.	The science of style of Georgian national clothes in modern costume	Georgia. Batumi.
14.	14-15. 11. 2015	International scientific conference - Culture and Art: Research and Management. Batumi Art State Teaching University.	The peculiarity of Bizantic costume’s construction	Georgia. Batumi.
15.	18.06. 2015.	International scientific conference - Sustainable Energy: Challenges and Development Prospects.	The requirement to special clothes for employees of the high voltage	Georgia. Kutaisi.
16.	18.06. 2015.	International scientific conference - Sustainable Energy: Challenges and Development Prospects.	The Problems Determining Comfort Properties of Special-Purpose Shoes for Workers of the sector of power industry	Georgia. Kutaisi.
17.	17.04. 2015	International scientific-practical conference - INNOVATIVE TECHNOLOGIES FOR PRODUCTION OF FUNCTIONAL FOODS. Shota Rustaveli National Science Foundation. Akaki Tsereteli State University.	Factors Determining Comfort Properties of Special-Purpose Shoes Intended for Food Production Workers	Georgia. Kutaisi.
18.	17.04. 2015	International scientific-practical conference - INNOVATIVE TECHNOLOGIES FOR PRODUCTION OF FUNCTIONAL FOODS. Shota Rustaveli National Science Foundation. Akaki Tsereteli State University.	The Problems of Hygienic Quality of Special-purpose Shoes Intended for Food Production Workers	Georgia. Kutaisi.
19.	10 November 2014	2ND INTERNATIONAL CONFERENCE «TECHNICAL SCIENCES: MODERN ISSUES AND DEVELOPMENT PROSPECTS» SCOPE ACADEMIC HOUSE.. DOI: 10.15350/UK_2/2.	Study of the anatomy of the diabetic foot, taking into account the categories of pathology.	Sheffield, UK
20.	10 November 2014	2ND INTERNATIONAL CONFERENCE «TECHNICAL SCIENCES: MODERN ISSUES AND DEVELOPMENT PROSPECTS» SCOPE ACADEMIC HOUSE.	Requirements for diabetic shoes generated by category of patients with diabetic foot syndrome.	Sheffield, UK
21.	27-28.11.2014	International Scientific – Practical Conference - Science and Innovative Technologies.	Assessment of the influencing factors on development of feet and acceleration of teenagers	Georgia. Kutaisi.
22.	27-28.11.2014	International Scientific – Practical Conference - Science and Innovative Technologies.	General operational characteristics of sports shoes	Georgia. Kutaisi.
23.	27-28.11.2014	International Scientific – Practical Conference - Science and Innovative Technologies.	Value of normalization of deformation of feet in the conditions of an active locomotion	Georgia. Kutaisi.
24.	05-.09-05.10. 2014	International scientific on-line-conference - New Medical materials. Shota Rustaveli National Science Foundation. Akaki Tsereteli State University.	PROBLEMATICS OF THE RESEARCH OF PREVENTIVE AGENTS FOR DIABETICS AND PATIENTS WITH DIABETIC FOOT SYNDROME	Georgia. Kutaisi.
25.	05-.09-05.10. 2014	International scientific on-line-conference - New Medical materials. Shota Rustaveli National Science Foundation. Akaki Tsereteli State University.	Classification of Diabetic foot in terms of the requirements of the orthopedic device	Georgia. Kutaisi.
26.	05-.09-05.10. 2014	International scientific on-line-conference - New Medical materials. Shota Rustaveli National Science Foundation. Akaki Tsereteli State University.	Pathogenesis of the Diabetic foot syndrome	Georgia. Kutaisi.
27.	July 2-6, 2014	Proceedings Expert Scientific Meeting on Load Distribution	Anthropo-Dinamic Research of Diabetics’ Feet in Georgia.	Cambridge,

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		Measurement. The Sheraton Commander Harvard Square. <a href="http://www.esm2014.com">www.esm2014.com</a> .		Massachusetts, USA.
28.	27.02.2014-05.03.2014.	Materialy X Mezinardni Vedecko-Prakticka Konference "Voda a Technologie: Krok do budoucnosti. Dil 31. Vystavba a architektura Cemie a chemicka technologie. Publishing House "Education and Science" s.r.o.	Research of a spatial grid structured butadiene - styrene rubbers for a bottom of orthopedic footwear	Praha
29.	2014	International scientific-practical conference - Sustainable development and Technological Innovations. Azerbaijan Technological University.	Gerontological problems of the age factor in the system age-sex classification	Azerbaijan. Ganja
30.	2013	International Scientific-Practical Confererense devoited to 80th anniversary of the Akaki Tsereteli State University. Innovative Technologies and Contemporary Materials.	Function and fashion designers in the process of creating fashionable products	Georgia. Kutaisi.
31.	2013	International Scientific-Practical Confererense devoited to 80th anniversary of the Akaki Tsereteli State University. Innovative Technologies and Contemporary Materials.	Study of $\alpha$ -relaxation transitions of structured butadiene-styrene rubbers for the bottom of children's orthopedic footwear	Georgia. Kutaisi.
32.	2013	International Scientific-Practical Confererense devoited to 80th anniversary of the Akaki Tsereteli State University. Innovative Technologies and Contemporary Materials.	Rational method of Orthopedic insoles	Georgia. Kutaisi.
33.	17.05. 2013	Tbilisi Teaching University. International Scientific Conference "Globalization and Actual Problems of Science in the 21st Century". <a href="http://www.ghn.ge/print.php?print=88213">http://www.ghn.ge/print.php?print=88213</a> .	Ensure the efficiency of production by using statistical methods of product quality.	Georgia. Tbilisi.
34.	07-15 march. 2013.	International scientific-practical conference "Scientific thought of the information age". Volume 24. Technical sciences. The science and studies.	Study of rheological properties of butadiene-styrene thermoplastic elastomers with latent hardener for outsole of Orthopedic shoes	Przemysl. Poland.
35.	07-15 wrzesnia 2012	Materiali VIII Miedzynarodowej naukow-i-praktycznej konferencji "WSCHODNIE PARTNERSTWO-2012". roki. Volume 9. Medycyna Nauk biologicznych, Chemia I chemiczne technologie. Nauka I studia.	Influence of thermal and light aging on physicomechanical properties butadien-stirolnyh rubbers for a outsole of orthopedic footwear	Przemysl. Poland.
36.	30-31.05. 2012	International scientific-practical conference - Innovative technologies and environment protection. Akaki Tsereteli State University	The analysis of infringement of biomechanics of feet at a diabetes	Georgia. Kutaisi.
37.	30-31.05. 2012	International scientific-practical conference - Innovative technologies and environment protection. Akaki Tsereteli State University	Fundamentals of the Spetial form of the automated designeng of footwear	Georgia. Kutaisi.
38.	30-31.05. 2012	International scientific-practical conference - Innovative technologies and environment protection. Akaki Tsereteli State University	Working out rational ortopedic insile	Georgia. Kutaisi.
39.	2011	International scientific conference - Women and 21th century. Georgian Technical University.	Sone aspects of standartization in connecton with the acceleration factor	Georgia. Tbilisi.
40.	2011	International Scientific-Practical Internet-Conference „Innovation Processes and Technologies“. Akaki Tsereteli State University	Problematics of foot of gerontological age	Georgia. Kutaisi
41.	19-20.05.2011	International scientific-practical Conference - Innovative Technologies and applied designs. Akaki Tsereteli State University	Research of the planimetric sizes of orthopedic elements of footwear.	Georgia. Kutaisi
42.	19-20.05.2011	International scientific-practical Conference - Innovative Technologies and applied designs. Akaki Tsereteli State University	Use of method of an experimental research for optimization of designs of orthopedic footwear.	Georgia. Kutaisi
43.	2011	International scientific-practical Conference - Innovative Technologies and applied designs. Akaki Tsereteli State University	Shoe standardization and classification system, the problems of formation of the main criteria for working out	Georgia. Kutaisi

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### 11.2. Preparation and Publication of a Report at a National Scientific Conference / Symposium

№	Year	Conference Title	Title of the Report	Country, City

### 11.3. Preparation and Publication of a Report at a Local University Conference / Symposium

№	Year	Conference Title	Title of the Report	Country, City

### 11.4. Organizing an International Scientific Conference / Symposium

№	Year	Conference Title	Country, City
1	2017	Akaki Tsereteli State University. The I International Scientific-Practical Internet Conference - "MODERN PHARMACY - SCIENCE AND PRACTICE". The member of Organizing Committee.	Georgia. Kutaisi.
2	2016	INTERNATIONAL SCIENTIFIC – PRACTICAL CONFERENCE - "Modern Engineering Technologies and Environmental Protection. Co-Chairmen.	Georgia. Kutaisi.
3	2014	INTERNATIONAL SCIENTIFIC – PRACTICAL CONFERENCE - „SCAIENCE AND INNOVATIVE TECHNOLOGIES“ - Scientific secretary	Georgia. Kutaisi.
4	2011	INTERNATIONAL SCIENTIFIC – PRACTICAL CONFERENCE - „INNOVATIVE TECHNOLOGIES AND APPLIED DESIGNS“- Scientific secretary.	Georgia. Kutaisi.

### 11.5. Organizing a National Scientific Conference / Symposium

№	Year	Conference Title	Country, City

## XII. Published Books and Monographs (during of 2011-2017)

№	Year	Author / Authors	Title	Publication
1.	2017	A. Katamadze M.Grdzelidze	<b>Shoe repair.</b> Methodical resource for the students of the modular professional program: "shoe and leather accessories specialist".	Akaki Tsereteli State University. Kutaisi.
2.	2017	M.Grdzelidze A. Katamadze	The basis for designing leather items. Methodical resource for the students of the program: Fashion design.	Akaki Tsereteli State University. Kutaisi
3.	2017	M.Grdzelidze A. Katamadze	The basis for designing leather items. Methodical resource for the students of the program: Clothes and shoe Technology.	Akaki Tsereteli State University. Kutaisi
4.	2016	M.Grdzelidze	Module: Modelization of the footwear. Methodical resource for the teachers of the modular professional program: "shoe and leather accessories specialist".	National Center for Educational Quality Enhancement. Tbilisi. <a href="http://vet.ge/wp-content/uploads/2016/03/.pdf">http://vet.ge/wp-content/uploads/2016/03/.pdf</a>
5.	2015	M.Grdzelidze	Production of the shoe and leather accessories	National Center for Educational Quality Enhancement. Tbilisi. <a href="http://vet.ge/wp-content/uploads/2015/08/studentis-saxelmdzgvanelo-fexsacmlisa-da-tkavis-aqsesuarebis-carmoeba.pdf">http://vet.ge/wp-content/uploads/2015/08/studentis-saxelmdzgvanelo-fexsacmlisa-da-tkavis-aqsesuarebis-carmoeba.pdf</a> .
6.	2014	N. Tkelidze M.Grdzelidze	Quality control and management of the product consumer properties. Methodical resource for the students of the Master program	Akaki Tsereteli State University. Kutaisi

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7.	2014	M.Grdzelidze N. Tkelidze	Quality expertise and management of the quality of the product. Methodical resource for the students of the Master program	Akaki Tsereteli State University. Kutaisi
8.	2014	M.Grdzelidze	Optimization methods of the Design in leather goods industry. Methodical resource for the students for the PhD program	Akaki Tsereteli State University. Kutaisi
9.	2014	M.Grdzelidze M. Shalamberidze	Consumer properties of orthopedic shoes for diabetes mellitus. Monograph.	Akaki Tsereteli State University. Kutaisi
10.	2014	M.Grdzelidze	The basics of experiment planning, analysis and optimization. Methodical resource for the students.	Akaki Tsereteli State University. Kutaisi
11.	2013	M.Grdzelidze	Management of Quality. Methodical resource for the students	Akaki Tsereteli State University. Kutaisi
12.	2013	N. Tkelidze M.Grdzelidze	Social aspects of fashion. Methodical resource for the students for the PhD program	Akaki Tsereteli State University. Kutaisi
13.	2013	M. Shalamberidze M.Grdzelidze	Theoretical bases for the development of medical shoe for patients with diabetic foot syndrome. Monograph.	Akaki Tsereteli State University. Kutaisi
14.	2012	M.Grdzelidze	The history of development of shoe technology. Methodical resource for the students	Akaki Tsereteli State University. Kutaisi
15.	2012	M.Grdzelidze	Computer design of complex models in leather goods. Methodical resource for the students for the PhD program	Akaki Tsereteli State University. Kutaisi

### XIII. Copyright, Patent, Utility Model Priority (during of 2011-2017)

#### 13.1. Internationally Submitted Invention

№	Year	Author / Authors	Title of the Invention	Issuing Authority	Registration Number

#### 13.2. Invention Submitted to Georgia

№	Year	Author / Authors	Title of the Invention	Issuing Authority	Registration Number

#### 13.3. Utility Model Patenting

№	Year	Author / Authors	Title of the Invention	Issuing Authority	Registration Number
1	2017	A. Katamadze, M. Grdzeldze	Ecoorto insole	Sakpatenti	AU 2017 014429/02
2	2011	M. Grdzeldze, A. Katamadze G. Purtskhvanidze	Plantograf. A 43 D 1/02.	Sakpatenti	GE U2008 1449 Y #AU 2008 010103. საბეჭდო. № AU 10103/07.

#### 13.4. Industrial Pattern Patenting

№	Year	Author / Authors	Title of the Invention	Issuing Authority	Registration Number

### XIV. Introduction and Commercialization of Scientific Research Activities (during of 2011-2017)

№	Year	Project Authors and Title	Where it was Introduced

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### XV. Management (Co-management) of Professional, One-year Academic, Bachelor's, One-stage, Master's and Doctoral Programs (during of 2011-2017)

№	Year	Stage	Name of the Program
1.	2016	Bachelor	Technology of light industry– Head of the Program
2.	2015	IV Stage	Modular professional program: „Shoe and leather accessories specialist“. Author of the standard, Head of the Program.
3.	2015	IV Stage	Modular professional program: „Management of Shoe quality“. Author of the standard.
4.	2011-2014	I-II-III Stages	Professional program: „Shoe and leather accessories specialist“. - 080366
5.	2011-2014	IV Stage	Professional program: „Shoe and leather accessories specialist“. - 080366
6.	2011-2014	V Stage	Professional program: „Shoe and leather accessories specialist“. - 080366
7.	2013	I– V Stage	Professional program: „Shoe and leather accessories specialist“. - 080366 -Author of the standard

### XVI. Guidance (Co-guidance), Expertise and Reviewing of Doctoral Dissertations (during of 2011-2017)

№	Doctoral Student	Thesis	Gradation
1	Kiknavelidze Lela	Optimizing the constructive parameters of Georgian women's ethno-shoes by cluster analysis and computer modeling methods	Principal Investigator
2	Kharabadze Marika	Optimization of Spatial parameters of Footwear	Principal Investigator
3	Katamadze Giorgi	Develop of rational parameters of consumer properties of military shoes	Expert

### XVII. Participation in Qualification Raising Courses, Seminars, Trainings (during of 2011-2017)

№	Year	Name of the Training	Gradation (Facilitator, Participant)
1	2017	National Center for Educational Quality Enhancement.	<b>Facilitator</b>
2	2016	National Center for Educational Quality Enhancement. Module: Modelization of the footwear. Methodical resource for the teachers of the modular professional program: "shoe and leather accessories specialist".	<b>Facilitator</b>
3	2015	Effective communication. Akaki Tsereteli State University. Education and Management Team. www.Ltdemt.blogspot.com.	Participant
4	2015	Akaki Tsereteli State University. Quality Assurance Service. 7 Theme. 21 h. Kutaisi.	Participant
5	2015	National Center for Educational Quality Enhancement. Participation in the process of professional analysis and professional standards through the method of methodology Tbilisi.	Participant
6	2015	National Center for Educational Quality Enhancement. Module: Modelization of the footwear. Methodical resource for the teachers of the modular professional program: "shoe and leather accessories specialist". Production of the shoe and leather accessories.	Facilitator
7	2015	ILIA STATE UNIVERSITY. The training of "Technology Commercialization Office" - innovations management and modern technological trends.	Participant
8	2015	Akaki Tsereteli State University. Continuous Education Center. Training course on "Developing Presentation Skills". Kutaisi	Participant
9	2015	National Center for Educational Quality Enhancement. Participation in the process of professional analysis and professional standards through the method of methodology Tbilisi.	Participant
10	2014	Personal computer user courses: Computer enginery, system and network administration. „Smart IT“. Tbilisi.	Participant
11	2014	Training courses “International Textile and apparel technology”. Company: “Romantic formis” (Romantic konfeksion tekstil). Turkey, Istanbul.	Participant

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### XVIII. Other Expert Services (Including the Review of a Scientific Work, Scientific Journals, Articles with the Impact Factor in Internationally Refereed Scientific Journals)

No	Year	Type of the Expert Service
1		

### XIX. Other Activities

#### Additional Information

1	2000-2015. Coordinator of Student Scientific Work
2	2016. International Scientific – Practical Conference - “Modern Engineering Technologies and Environmental Protection. Co-Chairmen.
3	Reviewer of 15 Methodical resource.
4	Editor of 5 monograpy.
5	Editor of 2 Methodical resource.

Professor of Engineering-technology faculty, of Akaki Tsereteli State University

Maia Grdzeldze

Head of department of “design and technology”, Associate Professor

Nana Tkheldze

Dean of Engineering-technology faculty, of Akaki Tsereteli State University, Professor

Maia Grdzeldze