



Europass Curriculum Vitae

Personal information

Surname(s) / First name(s) **Ghituleasa, Pyerina, Carmen**
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E-mail certex@ns.certex.ro
Nationality Romanian
Date of birth 9.11.1962
Gender Female

Desired employment / Occupational field

R&D Projects Evaluation activity

Work experience

Dates	2011-present	2000-2011	1989-2000	1986-1989
Occupation or position held	General director	Scientific director	Scientific researcher	Engineer

Main activities and responsibilities **Managerial activity:** general management, monitoring of the research, dissemination and technology transfer activities.

Basic and applied research focused on priority fields of Romanian textile industry:

- design and manufacture of textile structures with performance characteristics used in various economic fields: clothing design, home textile products, technical textiles;
- elaboration of processing technologies for non-conventional fibrous blends, with content of Angora mohair fibers coming from animals acclimatized in Romania and Romanian wool fibres;
- elaboration of mechanical processing technologies for wool type fibers with performance characteristics;
- quality improvement and sorts diversification of woven articles meant for clothing and home textile products;
- fundamental and applied research for designing and developing of new textile products with multifunctional, intelligent, ecological characteristics and with a

high degree of comfort in utilization;
 - development of research projects with the participation of enterprises and also supply of numerous services by organization raises number of contacts at national level;
 - development strategies, export strategies, sectorial strategies, technology up-grading studies;
 - university didactic activity: university courses – 1st and 2nd year;
 - 23 scientific international projects as research team member and project director during 2004 - 2017;
 Dissemination of information: 57 national and international scientific papers delivered; 11 articles published in ISI Thomson Reuters specialty magazines and ISI Proceedings, 11 books and chapters within specialty books published by acknowledged publishing houses.

Name and address of employer The National Research Development Institute for Textiles and Leather, 16 Lucretiu Patrascanu street, sector 3, 030508, Bucharest, Romania

Type of business or sector Research-Development for Textile and Leather Industry

Education and training

Dates	1998 - 2004	10 – 11.1989	1981 - 1986
Title of qualification awarded	Doctor engineer	Scholarships	Engineer
Principal subjects/occupational skills covered	Industrial engineering	Textile Mill Management	Mechanical technology for spinning and weaving
Name and type of organisation providing education and training	Technical University Ghe. Asachi Iasi	SITRA India	Technical University Ghe. Asachi Iasi
Level in national or international classification			

Personal skills and competences

Mother tongue(s) **Specify mother tongue** Romanian

Other language(s)

Self-assessment
European level (*)

Language

Understanding		Speaking		Writing	
Listening	Reading	Spoken interaction	Spoken production		
English	C2	C2	C2	C2	C2

(*) Common European Framework of Reference for Languages

Social skills and competences

Abilities for teamwork, availability for sustained work regime, optimistic, critical and self-critical; hard working, collaboration and communication capacities within cross-disciplinary teams for national and international projects, capacity in motivating the participants for common actions.

Organisational skills and competences

Organizational spirit, capacity to coordinate and manage work teams, entrepreneurial spirit, good analytical and synthesizing capacity; well-experienced in the management of research and dissemination activities, scientific professional performance by continuous training, committed and participative to national and international scientific events, invention salons etc.

Technical skills and

- Textile mechanical technology, clothing design & fashion, elaboration of specialty guides and books, scientific reviews for "Industria Textila" magazine, CERTEX

competences	<p>Publishing House, ISI quoted magazine, CNCSIS – Group A classified, member in the Commission for Scientific Events and Exhibitions, president of the Commission for Support of the Technic - Scientific Literature, CCCDI, 2017;</p> <p>- Lecturer of Polytechnic University of Bucharest, Professional training course for didactic staff in the pre-university educational structures - “Educatie Tehnologica” (Technologic Education), 2002-2003;</p> <p>- Associate Professor of the Polytechnic University of Bucharest, Faculty of Mechanical Engineering, within the team of Process Equipments, Textile Technologies specialty, 2006-2007.</p> <p>- Extra-judicial technical expert.</p>
Computer skills and competences	Abilities in using processors, data-bases, Internet, a good proficiency of Microsoft Office™ instruments (Word™, Excel™ and PowerPoint™);
Artistic skills and competences	Fashion, Design for home textiles
Other skills and competences	Music, traveling, animals and hiking
Driving licence	Driving licence B category
Additional information	<ul style="list-style-type: none"> - Associate Professor of Polytechnic University Bucharest – lectures 1st year of study – Manufacturing technologies for wool type yarns obtaining; lectures 2nd year of study – Machines for spinning and weaving - Member of COST 628 – 2008, COST 847 – 2008, COST MP1105: „Sustainable Flame Retardancy for textiles and related Materials based on Nanoparticles substituting conventional chemicals (Acronym FLARTEX)” - 2012 - Member on MC Gender, Science, Technology and Environment (genderSTE), (2012-2016); - Member of Technical Committee CT 383 , ”Model for the business development through innovation”, moderator group 4 ”The evaluation of Company’s Innovation capability”, ASRO; - President of Technical Committee CT 324, ASRO; - Member of AGIR. <p>Evaluator, expert, scientific nominalizations:</p> <ul style="list-style-type: none"> - Expert EURATEX – The European Apparel and Textile Organisation Grup Tematic – WG1 “Innovative textile raw material approaches focussing on sustainability (recycling, bio-polymers, sustainable natural fibres)” –European Technology Platform for the Future of Textiles and Clothing; - Textile Flagship for Europe, TFE n° 1 “Sustainable Textile Raw Materials”, EURATEX; <p>Books published in national publishing houses:</p> <ul style="list-style-type: none"> - Priscop, F., Popescu, A., Ghituleasa, C., Visileanu, E., Scarlat, R., Moga, I., Stan, M., Popescu, G, Dobrev, M., Ganceva, P., Iordanova, E., Stanev, E., “<i>Guide Specific pollutants generated by the textile companies from cross-border area and technological solutions for minimising and monitoring of the wastewater pollution</i>”, CERTEX Publishing House, Bucharest, 2013, ISBN 978-973-1716-82-4; - Tantau, A., -coordinator, Ghituleasa, C., Bucur, D., Visileanu, E., - coauthors for the INCDTP chapter, “Best practices Guide for clusters and companies networks”, CLUSTINOVA project, Print Group Publishing House, 2011, ISBN

- 978-973-0-11736-3;
- **Ghituleasa, C.**, Romanian Angora mohair fibres –textile manufacturing – AGIR Publishing House, 2011, ISBN 978-973-720-375-5;
 - Visileanu, E., Carpus, E., Teodorescu, M., Onete, B., Mirciu, V., Niculescu, C., Niculescu, M., Toma, D., **Ghituleasa, C.**, Dorogan, A., Scarlat R., Olaru, S., Nicolau, M., Cruceru, L., Constantin, L., Textile and Clothing Industry from Romania, CERTEX Publishing House, 2010, ISBN 978-973-1716-63-3, coauthor;
 - **Ghituleasa, C.**, Visileanu E., Fibres and noble animal hairs –AGIR Publishing House, 2010, ISBN 978-973-1716-71-8, main author;
 - Visileanu, E., **Ghituleasa, C.**, Niculescu, C., Dumitrescu, I., Application of nanotechnologies in textile field, CERTEX Publishing House, 2010, ISBN 978-973-1716-66-4, coauthor;
 - Carceag, M., **Ghituleasa, C.**, PASCU, E., The quality of textile products and consumer protection, CERTEX Publishing House, 2008, ISBN-13978-973-1716-38-1, coauthor;
 - Romanian Academy, *Dictionary for Science and Technology, Textile Section*, AGIR Publishing House, 2007, ISBN 978-973-27-1555-0 –coauthor;
 - Explicativ Dictionary for Science and Technology, Textile Section, AGIR, 2006, ISBN 973-720-133-1, Romanian Academy Publishing House ISBN 978-973-27-1555-0 –coauthor;
 - Carpus, E., **Ghituleasa, C.**, Toma, D., Dobrovat, M., Iorga, I., Popescu, A., Visileanu, E., Fireproofing of Textile Materials - CERTEX Publishing House – 2002, ISBN 973-85532-2-9/2002, coauthor;
 - Bulacu, D., Cernat, M., Dobrovat, M., **Ghituleasa, C.**, Toma, D., Visileanu, E., Fabric Defects - CERTEX Publishing House – 2001, ISBN 973-96605-8-4/2001, coauthor.

Scientific Reviews:

- The Textile Engineer 's Textbook, the 1st volume, the 3rd section, The Spinning Mill- ISBN 973-8466-10-5/2002, it has been awarded with AGIR 2004;
- **The Explanatory Dictionary of The Exact Sciences, A Letter**, The Romanian Academy Publishing House, AGIR Publishing House, 2003, ISBN 973-27-1059-4;
- **The Explanatory Dictionary of The Exact Sciences, B Letter**, The Romanian Academy Publishing House, AGIR Publishing House, 2003, ISBN 973-27-1060-8.

Articles published in ISI magazines-selection:

1. **Ghituleasa, C.**, Scalia, M., Ramos, L., Sabbatade P., Toma, D., Niculescu, C., *Energy saving and efficiency tool for SMEs of the European textile industry*, Industria Textila ISSN1222-5347, 4/2016, pg. 280-284, 2016;
2. Radulescu, C., H., Vinatoru, M., Beddow, J., **Ghituleasa, C.**, Mason, T., *Conferring antimicrobial properties to fabrics by sonochemical embedding of nanoparticles*, Industria Textila ISSN 1222-5347, 65, (5), pg. 247-253, 2014;
3. **Ghituleasa C.**, Mocioiu AM., Surdu L., Constantin A., *Aspects regarding the experimental researches of Romanian mohair properties*, Industria Textila ISSN 1222-5347, **64**, (2), pg.59-64, 2013;
4. Surdu L., **Ghituleasa C.**, Mihai C., Ene A., Radulescu IR., Subtirica A., Cioara I., *Comfort properties of multilayer textile materials for clothing*, Industria Textila ISSN 1222-5347, **64**, (2), p.75-79, 2013;
5. Niculescu M., **Ghituleasa C.**, Mocioiu AM., Nicula G., Surdu L., Tanasescu G., *Evaluations of formaldehyde emissions in clothing textiles*, Industria Textila ISSN 1222-5347, **64**, (1), pg.111-114, 2013;
6. Pricop, F., Scarlat, R., **Ghituleasa, C.**, Popescu, A., Iordanescu, M., Moga, I., *Integrated systems of monitoring and controlling wastewater quality*, Industria Textila ISSN 1222-5347, **64**, (1), pg.40-45, 2013;
7. Stan M., Visileanu E., **Ghituleasa C.**, Nicolau D., Barbu D., Ciocoiu L., Petre

- I., *Software product conceived for the management of defects in the textile industry*, Industria Textila ISSN 1222-5347, **60**, (6), pg.313-319, 2009;
8. Dan, M., Anghel, E., Visileanu, E., **Ghituleasa, C.**, Popescu, A., Chiriac, L., Iftode, A., Surdu, L., Subtirica, A., Matei, A., *New woven and knitted fabrics made of natural protein fibers*, Industria Textila ISSN 1222-5347, **60**, (3), pg. 146-152, 2009;
 9. Stan M., Visileanu E., **Ghituleasa C.**, Ciocoiu, M., *Considerations on the materials that enable the broadening of their applicability to meta-textile structures field*, Industria Textila ISSN 1222-5347, 59, (6), pg. 273 - 276, 2008;
 10. Visileanu, E., **Ghituleasa, C.**, Isar, D., Radulescu, R., Mitu-Cretu, S., Hanganu, L., Carceag, M., Niculescu, M., Stan, M., Curteza, A., Iftode, A., *INCDTP- Active partner of the national research development and innovation network. Part IV*, Industria Textila ISSN 1222-5347, 59, (1), pg. 3-13, 2008;
 11. **Ghituleasa, C.**, Visileanu, E., Ciocoiu, M., *Theoretic and experimental contributions regarding the structural characteristics of the angora mohair fibers from goats acclimatized in Romania. Part I. General considerations on the Angora mohair fibers*, Industria Textila ISSN 1222-5347, 58, (1), pg. 18-25, 2007;
 12. Curteza, A., Florea, A., Farama, D., **Ghituleasa, C.**, Stan, M., *The agility - a new industrial enterprise management concept*, Industria Textila ISSN 1222-5347, 58,(6), pg. 226-233, 2007.

Articles published in ISI Proceedings Database-selection

- Radulescu, I., **Ghituleasa, C.**, Visileanu, E., Popescu, R., Iordanescu, M., Zaklova, L., *Branch-related terms for textile professionals in business and trade*, Proceedings of the 9th International Scientific Conference eLearning and software for Education, Bucharest, 25-26 of April 2013, 10.12753/2066-026X-13-275;
- Visileanu E., **Ghituleasa C.**, *Human Resources – the most valuable scientific potential in the textile research activity*, QMHE 2010, 6th International Seminar Quality Management in Higher Education, 08-09.07.2010, Tulcea, ISBN (Volume 1) 978-973-662-567-1, p. 711-714.

Scientific papers published in specialty national magazines –selection:

- **Ghituleasa, C.**, " Rhovyl Fibers – Active Fibers in the 21st Century, The Textile Industry magazine no.2/2000 , pages 77-82
- **Ghituleasa, C.**, Nicula, G., " Inside Textiles/Fabrics and The Modern Trend/Tendency Evolution" ,The Textile Industry magazine no.3/2000, pages 207-211
- Visileanu , E., **Ghituleasa, C.**, Stan, M., " The Utilization of Dimension Analysis in The Design of Textile Structures, The Textile Industry magazine no.2/2001, pages 77-80
- Visileanu , E., **Ghituleasa , C.**, Stan, M., " Computer Simulation Regarding The Colour Behaviour of The Textile Supports" , The Textile Industry magazine no. 1/2002, pages 11-14
- **Ghituleasa, C.**, " Researches Regarding The Quality and Production of Wool Fiber in Romania", The Textile Industry magazine no.2/2002 , pages 75-82
- **Ghituleasa, C.**, "Romanian Angora Mohair Fibers Characteristics, Utilization Fields" ,The Textile Industry magazine no.3/2002, pages 142-152
- Visileanu, E., **Ghituleasa, C.**, Stan, M., "Computer Assisted Spinning Engineering " The Textile Industry magazine no. 3/2002, pages 153-156
- **Ghituleasa, C.**, "Textile Worldwide Fiber Production , Evolution and Perspectives" , " The Textile Industry magazine no. 4/2002, pages 223-227
- **Ghituleasa, C.**, Zamfirescu, S., "Studies/Researches On Wool Fiber Quality and Production in Romania " , the 2nd Part/Volume . Correctional Measures

- and Re-Launching Strategies”, The Textile Industry magazine no.4/2003, pages 219
- **Ghituleasa, C.**, Visileanu, E., Ciocoiu, M., “Aspects regarding Romanian Angora Mohair Fibres, Characteristics, Application Fields”, Journal of Natural Fibers, volume 1, Number 2, 2004, page 13
 - **Ghituleasa, C.**, “ JEC COMPOSITES SHOW 2005, ITS CHRONICLE “, The Textile Industry magazine no.3/2005, pages 208
 - Stan, M., Visileanu, E., **Ghituleasa, C.**, “ The Design Activity Virtuality Of The Textile Articles/ Products” , The Textile Industry magazine no.3/2006, pages 158-162
 - **Ghituleasa, C.**, Visileanu, E., Ciocoiu, M., “ Theoretical and Experimental Contributions Regarding The Structure Characteristics of The Romanian Angora Mohair Fiber “ , The First Part : “ General Considerations On Angora Mohair Fibers” , The Textile Industry magazine no.1/2007
 - Stan, M; Visileanu, E; **Ghituleasa, C.**, “Software product conceived for the management of defects in the textile industry”, Industria Textila 60 (6):313-319, ISSN 1222-5347, 2009 – 2 Web of science
 - **Ghituleasa, C.**, Visileanu, E., Constantin, A., “Theoretical and experimental contributions regarding the main characteristics of the Angora Mohair Fibers from Goats acclimatized in Romania”, Fiber Society 2010 Spring Conference Proceedings, pages 103-104
 - **Ghituleasa, C.**, “The Mohair-precious source of raw material in Romania”, Symposium on Natural Fibers FIBRATEC 2010, Havana, Cuba, 29.11-3.12.2010
 - **Ghituleasa, C.**, “New textile articles with noble animal hair content”, International R&D Project Brokerage Event, Bursa, Turkey, 10-11.02.2011, pag. 330-331, ISBN 978-605-5660-17-8
 - **Ghituleasa, C.**, Constantin, A., “The Mohair –precious source of raw material in Romania”, International Conference TEX TEH IV 2011, 23-24.06.2011, Bucharest, ISSN 2068-9101
 - **Ghituleasa, C.**, Mocioiu A.M., Surdu, L., “Aspects regarding the experimental researches of Romanian Mohair Properties”, International Conference TEX TEH V 2012, 18-19.10.2012, Bucharest
 - Surdu, L., Ciora, I., **Ghituleasa, C.**, Nicula, G., Radulescu, R., Meda, C., Sgarbura, R., “Plasma nanotechnology finishing methods for fabrics used in barrier surgical gowns”, Aachen –Dresden International Textile Conference, 29-30.11.2012, Dresden, pag.198-199, ISSN 1867-6405;
 - **Ghituleasa, C.**, “Textile and Clothing Industry –promoter of intelligent textiles and cultural traditions”, International Conference - „INOVCLUSTER – Innovative Clusters key to success in international business and R&D cooperation” , Bucharest,30-31.10.2012.

