



Curriculum vitae Europass

Personal information

First Name(s) / Surname(s)

Daniela FĂRÎMĂ

Work Experience

Period	2018 - present
Occupation or position held	Associate Professor Habil. PhD. Eng. in Industrial Engineering field
Period	2013-present
Occupation or position held	Associate Professor Engineer PhD.
Period	1999-2013
Occupation or position held	Lecturer Engineer PhD.
Main activities and responsibilities	Teaching and research activities in the following fields: Basics of garment technology, Metrology, General engineering in textiles and leather, Comfortableness and functionalities of textile and leather products, Functional structure of products (master's programme of "Apparel design and modelling", 1 st year, and master's programme of "Advanced textiles", 1 st year)
Name and address of employer	"Gheorghe Asachi" Technical University of Iași, Faculty of Textiles, Leather and Industrial Management
Business or sector	Higher education
Period	1992-1999
Occupation or position held	Assistant Professor
Main activities and responsibilities	Teaching and research activities in the following fields: Comfortableness and functionalities of apparel, Basics of garment technology, Textile metrology
Name and address of employer	"Gheorghe Asachi" Technical University of Iași, Faculty of Textiles, Leather and Industrial Management
Business or sector	Higher education
Period	1988-1992
Occupation or position held	Design engineer
Main activities and responsibilities	Designing and redesigning production facilities in the textile industry
Name and address of employer	Design Institute for Light Industry (IPIU) Bucharest
Business or sector	Industrial design
Period	1986-1988
Occupation or position held	Trainee engineer
Main activities and responsibilities	Engineer in charge of technical regulations, with the Technical Department
Name and address of employer	"Siretul" Curtains and Knitwear Factory, Pașcani
Business or sector	Textile industry

Education and training

Period	2018-2020
Title of qualification awarded	Member Smart textiles for STEM training (Erasmus+ Skills4Smartex)
Period	2017-2018
Title of qualification awarded	Project coordinator "Establishing the technological parameters for obtaining technical fabrics with special destination, in correlation with the comfort characteristics imposed by the field of use", Contract no. 1661P/ 06.06.2017, with MajuTex, Iasi
Period	2017-2018
Title of qualification awarded	Member of the PND III- P.2.21-PED/nr.109/2017, Development of magnetic nanostructures through modern electrotechnologies
Period	2008 -2011

Title of qualification awarded	Project coordinator for "BIOMEDTEX", PN II, Contract no. 72-202/2008, "Advanced biomaterials with variable geometry and controllable biofunctionality for general surgery and systemic and/or neurological therapy", partnership, executed from 2008 to 2011, value of the contract: RON73,763
Main subjects / occupational skills covered	Knitwear structures with variable geometry Virtual simulation of the pressure exerted by knitwear on various areas of the human body The main published work that resulted from the project: <i>Technological Innovation in Support of the Global Data Base-Morphotypes</i> , The 7 th International Conference on Management of Technological Changes, 1-3 September 2011, Alexandroupoli, Greece, pp. 549-552, ISBN (Book 2) 978-960-99486-3-0, a volume indexed by the "ISI Web of Knowledge", ISI Thomson Proceedings Database
Organisation providing education and training	National Institute of Research and Development for Textiles and Leather, Bucharest (coordinator) and the "Gheorghe Asachi" Technical University of Iași (partner)
Period	2005-2008
Title of qualification awarded	Project coordinator for "SPORTEX", C9S2/2005, "Comfortableness and performance vs. multifunctional textile materials in sports and leisure activities", CEEX project, value of the contract: RON47,000
Main subjects / occupational skills covered	Structure of fabrics and knitwear, layered knitwear, analysis of comfortableness in correlation with the sporting activity. The main published work that resulted from the project: the monograph <i>Comfortableness and performance in sport</i> , Performantica, 2007 (publishing house recognised by the National Council of Scientific Research in Higher Education – CNCSIS), ISBN 978-973-730-335-6
Organisation providing education and training	National Institute of Research and Development for Textiles and Leather, Bucharest (coordinator) and the "Gheorghe Asachi" Technical University of Iași (partner)
Period	2005-2008
Title of qualification awarded	Member of the CNCSIS (Council of Scientific Research in Higher Education) project no. 27637, "Research on using microfibre in creating new unconventional multi-layered structures, linear knitting machines", Grant no. 164/2006, executed in 2006, value of the contract: RON24,800
Main subjects / occupational skills covered	New multi-layered knitted structures based on microfibre
Organisation providing education and training	"Gheorghe Asachi" Technical University of Iași, Faculty of Textiles, Leather and Industrial Management
Period	2005- 2008
Title of qualification awarded	Member of the CEEX research contract no. 15/2005, "HIGHTEX" – "Invasive and non-invasive medical textile materials" –, executed from 2005 to 2008, value of the contract: RON129,500
Main subjects / occupational skills covered	Nonwoven materials, yarn fabrics and knitwear, with structures correlated with the medical field analysed Published work that resulted from the project: <i>Nonwoven-based external end-user medical hygiene and medical products</i> , International Conference "Technical Textiles – Multidisciplinary Domain", Bucharest 22-23 May 2008 <i>Medical Products for External End-Uses Made from Nonwovens</i> , UNITECH '07 Gabrovo, 2007, ISSN 1313-230X, VOL. II
Organisation providing education and training	National Institute of Research and Development for Textiles and Leather, Bucharest (coordinator) and the "Gheorghe Asachi" Technical University of Iași (partner)
Period	2005-2008
Title of qualification awarded	Member of the CEEX research contract no. 210/2006 "SIDEMINT" – "Multi-criteria decision-making system and smart tools designed to secure durable competitive advantage in turbulent markets in the textile and garment industry" –, a project implemented within the programme of excellence in research CEEX, Module I, RELANSIN Programme, value of the contract: RON 687,952.80
Main subjects / occupational skills covered	Decision management with application to the field of the textile and garment industry Published work resulted from the project: <i>A virtual enterprise application for the textile and apparel industry</i> , 7 th International Industrial Simulation

Conference, Loughborough, England, 1-3 June 2009, pp. 116-121, a volume indexed by the "ISI Web of Knowledge", Web of Science, Thomson Reuters
 "Gheorghe Asachi" Technical University of Iași (coordinator)

Organisation providing education and training
 Period 1992-1998
 Title of qualification awarded PhD in Textile mechanical technologies, certificate series P, no. 0006418, title of the doctoral thesis: "Research on the functions of knitwear in correlation with the structural parameters and the conditions of the body's state"

Main subjects / occupational skills covered Knitwear structures, Comfortableness of layered knitwear, Optimisation of the knitting process using mathematical modelling

Organisation providing education and training "Gheorghe Asachi" Technical University of Iași, Faculty of Textiles, Leather and Industrial Management

Self-assessment
 European Language Level (*)

English
 French

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	Writing
Intermediate	Intermediate	Intermediate	Intermediate	Intermediate
Intermediate	Intermediate	Intermediate	Intermediate	Intermediate

Social skills and abilities

Team player
 Good communication skills acquired in my teaching career
 Negotiation skills and conflict mediation skills

Memberships

Member of the Association of Textile Students and Engineers in Romania (ASITEX) since 2006
 Member of the General Association of Romanian Engineers (AGIR) since 1992
 Member of the International Federation of Knitting Technologists (IFKT), the Romanian section, since 2006
 Erasmus Programme Coordinator for Greece, 2007-2013

Technical skills and abilities

Basic IT skills, computer use and file organisation (Windows)
 Text processing (Word), spreadsheets (Excel), presentations (PowerPoint), research and communication (Internet) – self-taught at the "Gheorghe Asachi" Technical University of Iași
 Technical drawing using the Corel Draw software – self-taught at the "Gheorghe Asachi" Technical University of Iași
 Use of sewing and knitting machines, practical training during my traineeship at the "Siretul" Curtains and Knitwear Factory, Pașani
 Design of products and prototypes for sewing machines (technological sheet, technological chart for primary and auxiliary materials required, work technical regulation chart), practical training during my traineeship at the "Siretul" Curtains and Knitwear Factory, Pașani
 Research visit at ITMA (International Exhibition of Textile Machinery) 2007 Munich, Germany, September 2007 (8 days)

Continuing education

Research visits at BITME (Bucharest International Textile Machinery Exhibition), held annually at Romexpo, Bucharest
 Specialisation in computer-assisted design at Investronica
 Research visit at the Faculty of Light Industry of the Technical University of Moldova, Chișinău, May 2006 (10 days)

Research fields

Comfortableness and functionalities of textile and leather products
 Functional design of apparel
 General garment technology
 Functional structuring of products
 Functional design of products intended for high performance sports