



Curriculum vitae

Personal Information

First name/ Last name

Address

Phone number(s)

Fax

E-mail address

Nationality

Date of birth

Gender

Grigore Marian

28, Mircea cel Batran Str., MD - 3733, Truseni, Chisinau, Republic of Moldova

Work: +37322432455;

Mobile: +37379446342

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+37367591778

marian@uasm.md

Moldovan

9th July 1948

male

Desired employment / Occupational field

Human resources, education – training, higher education

Work experience

Dates

Occupation or position held

Main activities and responsibilities

Name and address of employer
Type of business or sector

March 2015 - present

Head of the Scientific Laboratory of Solid Biofuels, TUM; University Professor, TUM; PhD supervisor

Teaching, research, dissemination, organization and management of the activity of the Laboratory of solid biofuels, SAUM.

Technical University of Moldova, 56, Mircesti Str., MD-2049, Chisinau

Education and research in higher education

University professor, main teaching courses: Car reliability; Tribology and reliability; Tolerances and dimensional control; Management of agroforestry biomass for energy purposes; Advanced Theories and Techniques in Vehicle Maintenance, Theoretical Basics of Vehicle Maintenance and Reliability

Dates

Occupation or position held

Main activities and responsibilities

Name and address of employer
Type of business or sector

26th April 2010 – March 2015

Vice-rector with scientific activity

Teaching, research, dissemination, coordination of research and innovation activity of the State Agrarian University of Moldova / activities for Bachelor, Master and Doctoral students

State Agrarian University of Moldova, 56, Mircesti Str., MD-2049, Chisinau

University professor, main teaching courses: Theoretical basics of car maintenance, Car reliability, Tribology and reliability, Interchangeability, standardization and metrology; Management of agroforestry biomass for energy purposes; Biofuel research methods and equipment; Advanced theories and techniques in vehicle maintenance.

Dates

Occupation or position held

Type of business or sector

20th July 1998 – 26th April 2010

Dean of the Faculty of Agrarian Engineering and Auto Transport, State Agrarian University of Moldova

Associate Professor, University Professor (since 20th September 2007), main teaching courses: Materials Science, Materials Technology, Machine Tools and Mechanical Processing, Theoretical Basics of Automobile Maintenance, Tribology and Reliability, Interchangeability, Standardization and Metrology, Quality Management.

Dates

Occupation or position held

Type of business or sector

31st March 1992 - 2000

Head of Department "Machine Repairs and Materials Technology", State Agrarian University of Moldova

Associate Professor, main teaching courses: Materials Science, Materials Technology, Machine Tools and Mechanical Processing, Interchangeability, Standardization and Metrology.

Dates

14th November 1989 – 31st March 1992

Occupation or position held	Associate Professor at the Department of "Machine Repair and Materials Technology", State Agrarian University of Moldova
Type of business or sector	Main teaching courses: Materials Science, Materials Technology, Machine Tools and Mechanical Processing, Interchangeability, Standardization and Metrology.
Dates	1st September 1973 – 14th November 1989
Occupation or position held	Assistant Professor, Department of "Repairs and Technology of Materials", State Agrarian University of Moldova
Type of business or sector	Main teaching courses: Materials Science, Materials Technology, Machine Tools and Mechanical Processing, Interchangeability, Standardization and Metrology.
Dates	17th February 1970 – 1st September 1973
Occupation or position held	Head of a repair shop
Type of business or sector	Repair of agricultural equipment and machinery of related industries.
Name and address of employer	Milesti Plant-Factory, Nisporeni district, Republic of Moldova.
Dates	20th November 1968 – 17th February 1970
Occupation or position held	Engineering technologist
Type of business or sector	Technological process development of cutting processing.
Name and address of employer	Vibropribor Plant, Chisinau, Republic of Moldova.
Dates	29th August 1967 – 20th November 1968
Occupation or position held	Engineer - mechanical processing controller
Type of business or sector	Quality of parts processed by cutting.
Name and address of employer	Miciurin Collective Farm, Straseni district, Republic of Moldova.
Education and training	
Dates	20th April 2007
Title of qualification awarded	University Professor, Operation and maintenance of agricultural and processing machinery (PU certificate No. 0073 of 18th September 2008, Chisinau)
Dates	9th June 2005
Title of qualification awarded	Doctor habitatus in engineering, Specialty: Operation and maintenance of agricultural machinery and the processing industry. Thesis title: Theoretical-experimental contributions to the study of the reliability of reconditioned agricultural equipment parts and joints with polymer-based composites 1992, associate professor (diploma DH No. 0017 of 22nd September 2005, Chisinau)
Main subject / occupational skills covered	Research in the field Maintenance of agricultural equipment and machinery of related industries; Renewable energies
Organisation providing education or training	State Agrarian University of Moldova
Dates	11th September 1991
Title of qualification awarded	Lecturer (Associate Professor) at the Department of Machine Repair and Materials Technology (certificate ДЦ №039945 of 11th September 1991, Moscow)
Dates	25th December 1987
Title of qualification awarded	Doctor of Technical Sciences, Specialty: Operation and repair of agricultural machinery. Thesis title: Reconditioning of bearings of electric machines (diploma TH №108540 of 4th May 1988, Moscow)
Main subject / occupational skills covered	Research in the field Maintenance of agricultural equipment and machinery of related industries
Organisation providing education or training	State Agrarian University of Moldova
Dates	18th June 1973
Title of qualification awarded	Mechanical Engineer. Speciality: Machine construction technology, machine tools and metal cutting tools.

Main subject / occupational skills covered

Machine construction technology, machine tools, cutting tools. materials technology

Organisation providing education or training

Polytechnic Institute of Chisinau.

Dates

9th June 1967

Title of qualification awarded

Technician-technologist. Speciality: Metal processing by cutting

Main subject / occupational skills covered

Materials study, materials technology, machine construction technology, machine tools, cutting tools. Maintenance of agricultural equipment and machinery of related industries

Organisation providing education or training

Electromechanical College of Chisinau.

Personal skills

Mother tongue(s)

Romanian

Other language(s)

European framework (*)

Russian

English

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production		Writing	
C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	C2	Proficient user
B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user

(*) The Common European Framework of Reference for Languages

Social competences and skills

Team spirit; Ability to adapt; availability for involvement in socio-cultural activities; Good ability to integrate into research environments; Good communication skills.

Organizational skills

Leadership skills, synthesis and analysis capacity, decision-making skills, organizational spirit, coordination skills demonstrated by participating as a director or partner manager in 32 national and international research projects, including during the last 10 years:

1. Support to curricula development at the Agrarian University of Moldova and harmonization its education system with EU standards, International bilateral project, 2007-2011, project department manager;
2. CREDO- Creation of Third Cycle Studies - Doctoral Programme in Renewable Energy and Environmental Technology. International project, 2010 -2013, project department manager;
3. „Support to Increasing Quality of Education at the State Agrarian University of Moldova in Chisinau (SAUM)“. International bilateral project, 2012-2014, project department manager;
4. Capitalization of renewable resources under the conditions of the Republic of Moldova and development of the Moldovan satellite. State program. Project Development of equipment technology for the production of biomass fuel briquettes and pellets with scientifically substantiated productivity, 2011, executor;
5. Improving the management system for waste and agricultural by-products to obtain thermal energy. Institutional project, 2011 - 2014, project director;
6. Determining the calorific value of lignocellulosic biomass collected from different areas of the Republic of Moldova. Bilateral project, 2012-2013, project director;
7. Developing the capacity to increase the quality of solid biofuels in line with practices and policies for the development of energy security and sustainable agriculture. Institutional project, 2015 - 2018, project director;
8. Development of technical means to improve the efficiency of technological processes in the agri-food sector. Institutional project, 2015-2016, executor;
9. Energy and Biomass Project in Moldova, funded by the EU and UNDP Moldova, the first stage, 2015-2016, national consultant;
10. Energy and Biomass Project in Moldova, funded by the EU and UNDP Moldova, the second stage, 2018, national consultant;
11. Mobilization of plant genetic resources, amelioration of plant varieties and capitalization of their potential as fodder, honey and energy plants in the bioeconomic circuit. State Program Project, 2020-2023, project stage coordinator;
12. Developing the value chain for the cultivation of sea buckthorn under the conditions of the Republic of Moldova. State Program Project, 2020-2023, project stage coordinator;

13. *IMPROVING THE QUALITY OF SOLID BIOFUELS PRODUCED FROM RAW MATERIAL COLL FROM BOTH SIDES OF PRUT RIVER –Project transfrontier 2SOFT/1.2/44, funded by the EU, Program CROSS BORDER COOPERATION ROMANIA - REPUBLIC OF MOLDOVA, 2020-2022, project manager;*
14. *SUPPORT TO EDUCATION, RESEARCH, TECHNOLOGICAL DEVELOPMENT & INNOVATION 2020-2022, curriculum specialist;*
15. *QUANTITATIVE AND QUALITATIVE ASSESSMENT OF THE PRODUCTION POTENTIAL RATE OF SOLID BIOFUELS DERIVED FROM INDIGENOUS BIOMASS WITH CHARACTERISTICS MEETING THE REQUIREMENTS OF EUROPEAN STANDARDS 2024-2025, project director*

Technical skills

In-depth knowledge of:

- quality management of solid biofuels;
 - agroforestry biomass management processes for energy purposes;
 - processes for obtaining biomass fuels, management, research, design;
 - processes from the maintenance of agricultural machinery and that of the related industries (design, experimental modelling, maintenance, research);
 - reliability and tribology of mechanical systems (test design, experimental modelling, tribological research).
- Good skills in developing technologies and use of equipment and machinery specific to agricultural machinery maintenance and related industries; obtaining and certification of solid biofuels; design of scientific research experiments, analysis and processing of experimental data.

Digital skills

Experience in using Windows, MS Office (Excel, Word, PowerPoint, Statgraphics),
Experience in using the Internet, search techniques, e-mail management, other multimedia programs, including Internet skills.

Other competences and skills

- Ability to lead research projects;
- Ability to design and draft project financing proposals;
- Skills to write scientific materials: monographs, articles, presentations, posters;
- Abilities to organize scientific and educational events: conferences, seminars, workshops, round tables, etc .;
- Teamwork skills

Driving licence(s)


Driving license, category B (1973)

Publications:

Approximately 150 studies and articles published in specialized periodicals in the country and abroad (Germany, Russia, Ukraine, Belarus, Lithuania, Romania, Czech Republic), including 4 volumes (books) as a single author

Research positions:

- Vice-rector with the scientific activity of SAUM (2010-2015)
- Head of the Scientific Research Laboratory of Solid Biofuels SAUM (2008-present);
- Chairman of the CNAA (National Council for Accreditation and Attestation) Expert Committee "Mechanical Engineering, Energy, Materials Engineering and Industrial Technologies" (2013-2018);
- Member of the CNAA Expert Committee "Engineering and Economic Sciences" 2013-2018);
- Vice President of the ANACEC (National Agency for Quality Assurance in Education and Research) Expert Committee (2018 - 2020);
- Member of the ANACEC Expert Committee (2020 - present);
- Chairman of the Technical Standardization Committee CT 32 "Biofuels" (2015-present);
- Member of the Assembly of the Academy of Sciences of the Republic of Moldova (2010-2013);
- Member of the Assembly of the Department of Agricultural Sciences of the Academy of Sciences of the Republic of Moldova (2013-present);
- Vice-president of the scientific seminar on the doctoral thesis defence in the speciality "Technologies and technical means for agriculture and rural development";
- Member of the scientific seminar on the doctoral thesis defence in the speciality "Machining and technology of machine construction";
- Member of the editorial board of the Agricultural Science scientific journal, (1998-present);
- Member of the editorial board of the Meridian Ingineresc scientific journal (2018 - present)
- Member of the editorial board of the Вісник Харківського національного технічного університету сільського господарства імені Петра Василенка (Bulletin of the Petro Vasylenko Kharkiv National Technical University of Agriculture) scientific journal;
- Independent expert of the ASM for the examination of scientific and innovation projects presented at the ASM;
- President of numerous scientific councils on the doctoral theses defence;
- Member of the Senate of the State Agrarian University of Moldova,
- Member of the Scientific Council of the Faculty of Agricultural Engineering and Auto Transport Technology.

<p>Training documentation courses:</p> <p>Appreciation of professional prestige:</p>	<p>Moscow Institute of Steels and Alloys; Prague University of Natural Sciences; Royal Technical University of Stockholm; Technical University of Barcelona; Estonian University of Technology; Kyiv Technical University; Gh. Asachi Technical University of Iasi; Lower Danube University of Galati, etc.</p> <ul style="list-style-type: none"> - "Gloria Muncii" (Glory of Work) Order (2013); - "Meritul Civic" (Civic Merit) Medal (2008); - "Dimitri Cantemir" Medal (2013); - SAUM Medal (2008; 2013); - Doctor Honoris Causa SAUM (2018); - Honorary Member of the Romanian Academy of Agricultural and Forestry Sciences (2018); - SAUM Diploma for special merits in scientific and didactic activity (2000); - Diploma of Merit of the Supreme Council for Science and Technological Development of the Republic of Moldova (2003); - Diploma and SAUM award for the best associate professor of the year (2004); - Diploma and SAUM award for the best university professor of the year (2014); - FIATA SAUM diploma for the 1st place at the competition for the best professor of the faculty (2015, 2016, 2017, 2018 and 2019); - Diploma of Merit of the Academy of Sciences of Moldova (2003, 2013); - Diploma of Merit of the CNAA (National Council for Accreditation and Attestation) (2013, 2014); - Diploma of Excellence of the University of Life Sciences of Prague (2009, 2012); - Excellence Diploma from the Academy of Agricultural and Forestry Sciences, Romania (2023), - Diploma of Excellence of the Ion Ionesco de la Brad University of Agricultural Sciences and Veterinary Medicine of Iasi; - Diploma of Excellence of the Technical University "Gh. Asachi", Iasi, Romania etc.
<p>Additional information:</p>	<p>Married, 2 children</p>
<p>Date April 12, 2024</p>	<div style="text-align: right;">  <p>Signature</p> </div>