



Europass Curriculum Vitae

Personal information

First name(s) / Surname(s) **VOICU Gheorghe**

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Nationality Romanian

Place and Date of birth 14/10/1957, Rociu, Arges

Gender Male



Education and training

Dates 2015 June

Title of qualification awarded Organizational management

Principal subjects/occupational skills covered Improving the quality of the national higher education system in accordance with the changes of the knowledge-based society and the dynamics of the labour market

Name and type of organisation providing education and training University Polytechnic of Bucharest / Training / improvement center POLIFORM

Level in national or international classification Continual forming course (30 hours)

Dates 2012 January

Title of qualification awarded Project Manager

Principal subjects/occupational skills covered 60 hours (16 hours theory, 44 hours practical applications)

Name and type of organisation providing education and training Association for Professional Training in Road Transport "Trans Terra" (APPTR "Trans Terra")

Level in national or international classification cod COR (Classification of Occupations in Romania) 242

Dates 2010

Title of qualification awarded University management/ Graduation certificate

Principal subjects/occupational skills covered University management - present and perspectives, University scientific research, university management legislation, financing higher education

Name and type of organisation providing education and training Academy of Economical Studies, Bucharest / Postuniversity Preparation School

Level in national or international classification Continual forming course (30 hours)

Dates September 1990 – July 1996

Title of qualification awarded Doctorate/ Doctor's diploma in the field of Mechanical Engineering/ Agricultural Machines

Principal subjects/occupational skills covered Mechanics / Agricultural Machinery / Cereal harvesting combines / Acquisition and experimental data processing; Doctoral Thesis: Researches regarding the material movement on sieves under the influence of air current for cleaning systems from cereal combines

Name and type of organisation providing education and training University Polytechnic of Bucharest, Splaiul Independenței 313, S 6, Bucharest

Level in national or international classification	
Dates	September 1978 – July 1983
Title of qualification awarded	Mechanical (agricultural) Engineer's Diploma
Principal subjects/occupational skills covered	Subjects from the Education Curricula of the Agricultural Mechanics Faculty, IPB Mechanics / Material Technology / Material Study / Material Resistance / Machine organs / Mechanisms / Agricultural Machinery / Livestock Machinery / Machines for territorial improvements / Equipment and systems for agricultural product processing / Agriculture / Management / Pedagogy ; Pedagogy module graduate
Name and type of organisation providing education and training	Politehnic Institute Bucharest, Agricultural Mechanics Faculty
Level in national or international classification	
Work experience	
Dates	April 1, 2020 – present
Occupation or position held	Manager of Department of Biotechnical Systems
Name and address of employer	University Polytechnic of Bucharest, 313 Splaiul Independentei, S 6, Bucharest
Main activities and responsibilities	Education, teaching, research, department management
Dates	by May 10, 2012 – 1 April 2020
Occupation or position held	Dean of Faculty of Biotechnical Systems Engineering
Name and address of employer	University Polytechnic of Bucharest, 313 Splaiul Independentei, S 6, Bucharest
Dates	Mars 15 – May 10, 2012
Main activities and responsibilities	Education, teaching, university management
Occupation or position held	Manager of Department of Biotechnical Systems
Name and address of employer	University Polytechnic of Bucharest, 313 Splaiul Independentei, S 6, Bucharest
Dates	2008 – 2012
Occupation or position held	Vice-Dean of Faculty of Biotechnical Systems Engineering
Main activities and responsibilities	- university management - coordinating of the education and instruction commission of the faculty council - coordinating the elaboration of the curricula for the bachelor and master programs - coordinating the elaboration of the self-assessment Reports for accreditation by ARACIS - coordinating the practice general activity of the students of the faculty - regular contact with the departments and teachers who teach the students of the faculty - coordinating the scientific research in faculty - responsible for faculty in quality assurance - responsible for the external mobilities of students and teachers
Name and address of employer	University Polytechnic of Bucharest, 313 Splaiul Independentei, S 6, Bucharest
Activities type or activity sector	Education, teaching, university management
Dates	2004 – 2012
Occupation or position held	Member of the Board of Biotechnical Systems Department, Faculty of Biotechnical Systems Engineering
Main activities and responsibilities	- coordination of practical activities of the students - responsible for programs of study Bachelor and Master - coordinating for student scientific activities - member of evaluation committee for promoting teachers - member of the committee organizing for scientific conferences in faculty
Name and address of employer	University Polytechnic of Bucharest, 313 Splaiul Independentei, S 6, Bucharest
Activities type or activity sector	Education, teaching, research, department management
Dates	September 1985 – present
Occupation or position held	University teacher (assistant until 1993, 1993-1999 lecturer, associate professor 1999-2003), since 2003 October full professor, PhD supervisor form 2008 (18 PhD thesis sustained)



Main activities and responsibilities Lectures, seminars, laboratory, annual projects, practical guidance, diploma projects, dissertation, research, in mechanical engineering field
 Disciplines: Milling and bakery equipment, Machinery and plants for dosing and packaging, Machinery and plants for milk processing, Technologies for processing agricultural products, Packaging and design in the food industry, General Technologies in Food Industry, Equipment for greening of localities, Advanced processing systems cereals (master), Engineering of the ecological storage of solid waste (master); Maintenance and reliability of technical systems
 - Organization of thematic visits for students in different businesses

Name and address of employer University Polytechnic of Bucharest, 313 Splaiul Independentei, S 6, Bucharest

Activities type or activity sector Education, teaching, research, department management

Dates September 1983 – September 1985

Occupation or position held Mechanical engineer for agricultural machinery (1983-1984)
 Head of mechanization section, SMA Teiu, Arges (1984-1985)

Main activities and responsibilities Repair, servicing and maintenance for tractors and agricultural and livestock machinery

Name and address of employer Station for Agricultural Mechanization (SMA) Teiu, Arges

Activities type or activity sector Agricultural mechanization

Personal skills and competences

Mother tongue(s) **Romanian**

Other language(s)

Self-assessment

European level ()*

French

English

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production		Written expression	
B1	Independent user	C1	Independent user	B1	Independent user	B1	Independent user	B2	Independent user
A2	Elementary user	B1	Independent user	A2	Elementary user	A2	Elementary user	A2	Independent user

() Common European Framework of Reference for Languages*

Social skills and competences Effortless social communication, team spirit, participant at numerous contracts and research projects, moderator for numerous national and international scientific manifestations

Organisational skills and competences

Experience in the field of university management

- Member of the department office, Biotechnical Systems. UPB, 2004-2012;
- Director of the Centre of Biotechnical Systems Research / Development, 2010-2013;
- Vice-dean of the Faculty of Biotechnical Systems Engineering, UPB, 2008-2012;
- Director of the Biotechnical Systems Department, UPB, 15 March - 10 May 2012;
- Dean of the Faculty of Biotechnical Systems Engineering, UPB, 10 May 2012 – 1 April 2020;
- Long term expert, short term expert, or responsible with different issues in the implementation team for numerous POSDRU and POCU projects

Experience in the field of project and team management:

- Director or project responsible for 14 projects under National Research Programs (MCT, MEN, ANSTI, CNCSIS, AGRAL, RELANSIN, AMTRANS, UEFISDI) and a member inside research teams for over 40 national scientific research contracts;
- Expert evaluator for projects regarding continual professional forming;
- Expert evaluator for national research programs;
- ARACIS expert evaluator, for the field of Environment Engineering;
- Member of the CNATDCU commission for Mechanical, Mechatronics and Robotics Engineering.

Technical skills and competences

- Conception, designing and calculus of tractors and agricultural and livestock machinery;
- Calculus, construction and work processes of equipment in foods industry;
- Physical properties of agro-alimentary products;
- Processes and technologies for food industry;
- Processes and equipment for greening/sanitation localities;
- Ecological storage engineering of solid waste (landfill design);
- Environmental Quality Engineering.

Computer skills and competences

Fluent in computer use: MS Office (Word, Excel, PowerPoint);
 Experimental data processing, Microcal Origin, ACAD, Mathcad, Corel Draw, Pascal

Artistic skills and competences	Poetry and prose
Other skills and competences	Doctorate Manager from 2008 (in the field of Mechanical Engineering), 18 thesis projects coordinated and finalized
Driving licence	B category

Additional information ASABE Member – USA, from 2009 and BENA member 2008-2013;
Member of the Romanian Robotics Society, Bucharest branch;
Member of the Romanian Agricultural Mechanics Engineers Society, (SIMAR), 2012;
Member of the General Association of Romanian Engineers (AGIR), from 2014;
Member of International Commission of Agricultural Engineering (CIGR), from 2015
Member of European Society of Agricultural Engineers (EurAgEng), from 2015
Member of International Association of Advanced Materials, Sweden, from 2017
Member of the National Technical committee of standardization ASRO – Tractors and agricultural and forestry machines ;
Member of National Society of Environmental Science and Engineering SNSIM, Cluj-Napoca, 2010
Member of The Romanian Environmental Association 1998 - ARM, since 2017

Additional information Training course: "Internal Auditors" organized by DMC-UPB (20 hours) in November 2008;
University management course, in 2010 (30 hours, organizer ASE Bucharest);
Member of CNATDCU Commission, Mechanical Engineering, at National Education Ministry;
Member of the Scientific Committee and Reviewer for INMATEH journal – Agricultural Engineering;
Member in the Scientific Committee and referent for the Scientific Bulletin UPB;
Associate Member of The Academy of Agricultural and Forestry Sciences "Gheorghe Ionescu-Șișești" (A.S.A.S.), Romania, din 2018
Member in the Scientific committee and referent for the Journal of Engineering Studies and Research JESR, "Vasile Alecsandri" University of Bacau;
Over 18 books and university manuals (over 2000 pages);
Over 350 published articles in specialty journals (author, main author and co-author);
Over 175 scientific communications for symposiums and international conferences (or with international participation) from Romania or abroad (with publication in the volume);
Over 30 scientific communications at symposiums and national conferences (with publication in the volume);
Over 45 scientific reports at scientific research contracts (12 as a responsible or project director) with *MCT, MEN, CNCSIS, AGRAL, RELANSIN, UEFISCDI units of research and production.*
Over 14 POSDRU project (coordinator or expert) in University Polytechnic of Bucharest.

Accumulated Experience (including managerial experience) in programs/ national projects/ international projects (extras)

Program / Project	Function	Period
CNCSIS 577, Contract 34967, theme 5 (32-01-04) / Researches regarding work process optimization of the cleaning systems of seeds from cereal harvesting combines	Grant Responsible	2001
AGRAL 7363 / SIMAGRO (32-04-05/27.10.2004) / Modern calibration technology of seeds through realization of a cylinder type calibration piece for calibrating seed-tree material	Grant Responsible	2003 – 2004
CNCSIS, cod 167 GR.18/29.05.2007, theme 21 (contract IS 26-07-01) / Researches regarding mathematical modelling and realizing some experiments for the study of seed separation in the cleaning systems from cereal harvesting combine's	Project manager	2007 – 2008
PN II ID-PCE / IDEI-CNCSIS, cod ID_1726, Contract financing 753 /2009 / Theoretical and experimental researches regarding work processes from a milling unit for cereal in order to modernize and enhance its performance	Project manager	2009 – 2011
POSDRU/90/2.1/S/58108, „Restructuring the productive practice system of students in higher technical education – TRIPOD	Responsible with organization and monitoring	2011 – 2013
POSDRU/90/2.1/S/58123, From theory to practice through simulated enterprise	UPB Responsible	2012-2013
Researches regarding the introduction for fabricating a performant series of vibro-combinators, adapted for Romanian exploitation, Project POSCCE 1CLT/800.024/21.05.2014, Cod SMIS 49857	Researcher	2015
Innovative biofortified bakery products through valorization of brewing by-products, Project Innovation Eureka Traditional 331E/2013	Researcher	2015-2016
High-energy-efficient (HEE) electro-hydraulic equipment (EEH) for multi-purpose vehicles (AMF), PN-III-P2-2.1-PTE-2016-0077	Researcher	2016-2018

Improved flotation technology for heavily charged water, PTE nr. 25/2016	Researcher	2016-2018
Optimization of the composition of biomass mixtures for obtaining high quality pellets, Project Bridge Grant 24BG/2016 (PN-III-P2-2.1-BG-2016-0266)	Project manager	2016-2018

1 April 2020

Prof. Ph.D. Eng. Gheorghe VOICU

