



Europass Curriculum Vitae

Personal information

Surname(s) / First name(s) **HEGHEDUȘ-MÎNDRU GABRIEL**

Address(es) Aradului Street, No.119, Timisoara, Romania, Postal code: 300645

Telephone(s) +40 256277004 Mobile +40740203786

Fax(es) -

E-mail gabrielheghedus@usab-tm.ro

Nationality Romanian

Date of birth September 08, 1979

Gender male

Desired employment / Occupational field

Work experience

Dates	29. September 2014 - today
Occupation or position held	Assoc.Prof.PhD.Eng
Main activities and responsibilities	Specific teaching activity following the disciplines: Elements of electrical engineering, Automation in the chemical industry, Food industry process automation, Computer-aided graphics, (year project, practical training, diploma projects, activity on distance learning courses, etc.). Developing academic teaching courses and materials in the agro-alimentary field.
Name and address of employer	Banat's University of Agricultural Sciences and Veterinary Medicine „King Michael I of Romania” from Timisoara, Aradului Street No.119, Timisoara, Romania, Postal code: 300645;Tel: +40 277004 – Fax: +40 277326 – E-mail: secretariatftpa@usab-tm.ro , Website: http://tpa.usab-tm.ro
Dates	18.05.2012 - today
Occupation or position held	Head of Department of Informatization
Name and address of employer	Banat's University of Agricultural Sciences and Veterinary Medicine „King Michael I of Romania” from Timisoara, Aradului Street No.119, Timisoara, Romania, Postal code: 300645;Tel: +40 277004 – Fax: +40 277326 – E-mail: secretariatftpa@usab-tm.ro , Website: http://tpa.usab-tm.ro
Dates	01.05.2011 - today
Occupation or position held	Postdoc researcher
Main activities and responsibilities	Postdoctoral School in Agriculture and Veterinary Medicine, entitled "Research on the correlation of water - soil - plant on mineral accumulation in primary horticultural products", code contract: POSDRU/89/1.5/S/62371 (2011-2013);
Name and address of employer	Banat's University of Agricultural Sciences and Veterinary Medicine „King Michael I of Romania” from Timisoara, Aradului Street No.119, Timisoara, Romania, Postal code: 300645;Tel: +40 277004 – Fax: +40 277326 – E-mail: secretariatftpa@usab-tm.ro , Website: http://tpa.usab-tm.ro Website: http://www.usab-tm.ro
Dates	19. 09. 2011 – today
Occupation or position held	Lecturer PhD.Eng

Main activities and responsibilities	Specific teaching activity following the disciplines: Elements of electrical engineering, Automation in the chemical industry, Food industry process automation, Computer-aided graphics, (year project, practical training, diploma projects, activity on distance learning courses, etc.). Developing academic teaching courses and materials in the agro-alimentary field.
Name and address of employer	Banat's University of Agricultural Sciences and Veterinary Medicine „King Michael I of Romania” from Timisoara, Aradului Street No.119, Timisoara, Romania, Postal code: 300645;Tel: +40 277004 – Fax: +40 277326 – E-mail: secretariatftpa@usab-tm.ro, Website: http://tpa.usab-tm.ro
Type of business or sector	education
Dates	11. 02. 2008 – 19.09.2011
Occupation or position held	Assistant Professor - Banat University of Agricultural Sciences and Veterinary Medicine Timisoara, Faculty of Food Processing Technologies
Main activities and responsibilities	Specific teaching activity following the disciplines: Computer-aided graphics, Process optimization industry extracts and natural additives (practical), Elements of Electrical Engineering, Automation industry chemical, Food process automation industry.
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Type of business or sector	education
Dates	01.10.2005 - 11. 02. 2008
Occupation or position held	Preparatory University - Banat University of Agricultural Sciences and Veterinary Medicine Timisoara, Faculty of Food Processing Technologies
Main activities and responsibilities	Support seminars discipline: Computer-aided graphics and documentation techniques
Name and address of employer	Banat's University of Agricultural Sciences and Veterinary Medicine „King Michael I of Romania” from Timisoara, Aradului Street No.119, Timisoara, Romania, Postal code: 300645;Tel: +40 277004 – Fax: +40 277326 – E-mail: secretariatftpa@usab-tm.ro, Website: http://tpa.usab-tm.ro
Type of business or sector	education
Dates	01.10. 2003 - 01.10.2005
Occupation or position held	Associate Teacher (hourly payment)
Main activities and responsibilities	
Name and address of employer	Banat's University of Agricultural Sciences and Veterinary Medicine „King Michael I of Romania” from Timisoara, Aradului Street No.119, Timisoara, Romania, Postal code: 300645;Tel: +40 277004 – Fax: +40 277326 – E-mail: secretariatftpa@usab-tm.ro, Website: http://tpa.usab-tm.ro
Type of business or sector	education
Education and training	
Dates	01.10.2005 - 24.09.2008
Title of qualification awarded	Degree of Doctor / Chemical Engineering
Principal subjects/occupational skills covered	Diploma: Series F no. 0002161/No.1410 of 15.12.2008
Name and type of organization providing education and training	Polytechnic University Timișoara - Faculty of Industrial Chemistry and Environmental Engineering, Piata Victoriei No. 2, 300006, Timisoara, Romania Tel: 0040 - 256 - 403063, Fax: 0040 - 256-403060 Website: http://www.chim.upt.ro
Level in national or international classification	Doctorate
Dates	01.10.2002 - 24.07.2004
Title of qualification awarded	Master's degree in the field of integrated systems for processing and agri-food additive Diploma: Series D No. 0020585/No. 85/294 of 25.04.2005

Principal subjects/occupational skills covered	Aromas and flavors encapsulate Maillard, Agro-food extracts and natural additives, Minimal processing of food products, HACCP Manual, HyperChem molecular modeling, EVOP in the food industry																																														
Name and type of organization providing education and training	Banat University of Agricultural Sciences and Veterinary Medicine Timisoara, Faculty of Food Processing Technologies																																														
Level in national or international classification	Master																																														
Dates	01.10.1997 - 24.07.2002																																														
Title of qualification awarded	Diplomat Engineer degree in Food Technology, Analysis and Control of Food Products specialization Diploma: Series C no. 0012186/No. 286/294 of 28.09.2004																																														
Principal subjects/occupational skills covered	Mathematics, Physics, Programming, Descriptive Geometry and Technical Drawing, Inorganic chemistry, Analytical chemistry and physical-chemical analysis, Organic chemistry, Food chemistry, Equipment storage and processing of agricultural products, Elements of mechanical engineering, Electrical and electronics, Sizes and systems units, Elements of cold calculation and agro-technology climate, The food industry hygiene and environmental protection, Zoonoses, Automation processes in the food industry, food industry equipment, Technologies vegetable food, animal food technology, Food additives technology. Quality control of animal food products, Phytosanitary control of food products of plant origin.																																														
Name and type of organization providing education and training	Banat University of Agricultural Sciences and Veterinary Medicine Timisoara, Faculty of Food Processing Technology																																														
Level in national or international classification	Faculty																																														
Dates	15. 09. 1989 - 24.06.1993																																														
Title of qualification awarded	Baccalaureate Diploma / Certificate in Electrical and Electronics; Diploma: P Series, No. 134461/No. 111 of 22.07.1997; Certificate: Series C, No. 032375/No. 50 of 22.07.1997.																																														
Principal subjects/occupational skills covered	Electrical, Electronics, Technical Drawing, Physics, Chemistry, Mathematics, Strength of Materials, Electrical measurement, Electrical Machinery, Machine.																																														
Name and type of organization providing education and training	Industrial School "Construction Machinery" Resita																																														
Level in national or international classification	High school																																														
Personal skills and competences																																															
Mother tongue(s)	Romanian																																														
Other language(s)	Hungarian, English																																														
Self-assessment <i>European level (*)</i>	<table border="1"> <thead> <tr> <th colspan="3">Understanding</th> <th colspan="4">Speaking</th> <th colspan="2">Writing</th> </tr> <tr> <th colspan="2">Listening</th> <th>Reading</th> <th colspan="2">Spoken interaction</th> <th colspan="2">Spoken production</th> <th colspan="2">Writing</th> </tr> </thead> <tbody> <tr> <td>C1</td> <td>Experienced user</td> <td>A2</td> <td>Basic user</td> <td>C1</td> <td>Experienced user</td> <td>C1</td> <td>Experienced user</td> <td>A1</td> <td>Basic user</td> </tr> <tr> <td>A2</td> <td>Basic user</td> <td>A1</td> <td>Basic user</td> <td>A1</td> <td>Basic user</td> <td>A1</td> <td>Basic user</td> <td>A2</td> <td>Basic user</td> </tr> </tbody> </table>									Understanding			Speaking				Writing		Listening		Reading	Spoken interaction		Spoken production		Writing		C1	Experienced user	A2	Basic user	C1	Experienced user	C1	Experienced user	A1	Basic user	A2	Basic user	A1	Basic user	A1	Basic user	A1	Basic user	A2	Basic user
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A2	Basic user	A1	Basic user	A1	Basic user	A1	Basic user	A2	Basic user																																						
Hungarian																																															
English																																															
Social skills and competences	Team spirit won since college, when I participated in activities deemed practical and research projects conducted within the faculty, the ability to adapt to multicultural environments, good communication skills gained from university teaching experience.																																														

(*) *Common European Framework of Reference for Languages*

Organizational skills and competences	<ol style="list-style-type: none"> 1. Head of Department of Informatization - Banat's University of Agricultural Sciences and Veterinary Medicine „King Michael I of Romania” from Timisoara; 2. Program Coordinator undergraduate studies - Food Chemistry and Biochemical Technology, in accordance with organization chart from the Faculty of Food Technology; 3. Executive Editor - Journal of Agroalimentary Processes and Technologies, Timișoara, Romania, ISSN: 2069-0053 (print) (former: ISSN: 1453-1399) ISSN (online): 2068-9551, http://journal-of-agroalimentary.ro/Journal-of-Agroalimentary-Processes-and-Technologies-Editorial-Board.html, 2008 - present; 4. Deputy Executive Editor - Book of Abstracts, Scientific Conferences – Banat’s University of Agricultural Sciences and Veterinary Medicine „King Michael I of Romania” from Timisoara, ISSN 2343-9459, ISSN-L 2343-9459; 5. Member of the organizing committee of the symposium International Conference on Food Chemistry, Engineering & Technology, 2006 - present; 6. Member of the organizing committee of the symposium 6th International Symposium “Young People Multidisciplinary Research, 24 – 25 septembrie 2004, Timișoara, România; 7. Member of the organizing committee of the symposium The 1st Student Conference on Food Science and Engineering, faculty of Food Processing and Technology, 24-26 June 2010, Timișoara; 8. Member of the admissions committee in July and September sessions; 9. Member of the license commission in July, September and February sessions.
Technical skills and competences	<ul style="list-style-type: none"> - Automation in food and chemical industry; - Construction drawing and graphics; - Electronics and Electrical; - Diagnostic / troubleshooting / configuration PC; - PC operation. - Web Design
Computer skills and competences	<p>Making web pages Web Design, Macromedia Dreamweaver, Macromedia Flash MX Professional Jasc Paint Shop Pro, Windows, Word, Excel, Power Point, Visio, Chem Office, Molecular modeling with Hyper Chem</p>
Artistic skills and competences	<p>Passion for computer graphics</p>
Other skills and competences	<p>In the period 2003 - 2012 within the Faculty of Food Technology along with teaching I developed a rich and diverse scientific research, the following areas of interest:</p> <ul style="list-style-type: none"> - realization the first web page of the Faculty of Food Technology, page that was maintained until May 2011; - realization the site for fundamentals of electrical engineering and electronics disciplines to assist the students with quick access to information on the electrical, electronics and process automation in the food industry site can be viewed at http://www.electrokoles.home.ro; - I realized a computer network to help the students with practical laboratory work using programs Visio, PowerPoint, Chem Office, Molecular modeling with Hyper Chem, Statistics 8 as profile and technical discipline is called computer-aided graphics; - I realized a site for a contract CEEX Module IV; - I realized a site for faculty journal Journal of Agroalimentary Processes and Technologies.
Driving license	<p>B Category</p>
Additional information	
Membership in professional associations	<ol style="list-style-type: none"> 1. Association for. Multidisciplinary Research Area West of Romania; 2. Romanian Society of Chemistry.
Research activity and publishing	<p>Author of five books, seven ISI impact factor (one first author and a corresponding author), 26 articles in journals indexed BDI (12 articles as first author), 7 articles / studies presented at conferences / congresses (March articles as first author), 10 articles / studies presented at conferences / congresses national (3 articles as first author)</p>

Awards	<ol style="list-style-type: none"> 1. Eminent Researcher 2013 offered by University Horizons Association for exceptional results in teaching and research; 2. Excellence Award of Timisoara (2013) provided by the Municipality of Timisoara to obtain outstanding results; 3. Perseverance Award for work done in the Faculty and University (2014). 4. Rewarding Awards Research - CNCSIS, Articles - Trimester I, 2009; 5. Rewarding Awards Research - CNCSIS, Articles - Trimester III, 2009; 6. Rewarding Awards Research - CNCSIS, Articles - November 2008.
Experience in research projects	<ol style="list-style-type: none"> 1. Project Manager - National Plan for Research, Development and Innovation - PN II Program: Human Resources Research Projects for young PhD - TD, entitled: "Contributions to the study options to improve quality indicators of mineral water using simulation modern techniques, modeling and automatic driving" value 28320 lei, CNCSIS code 466/september 2007 2. Project Manager - Scholarship Postdoctoral - Postdoctoral School in Agriculture and Veterinary Medicine, entitled "Research on correlation of water - soil - plant on mineral accumulation in primary horticultural products", value 100560 lei (4190 lei/month), Contract code: POSDRU/89/1.5/S/62371 (2011 – 2013); 3. Member of the Program - Research Excellence - Biotech, Nano Biotechnology Research Centre - Achieve nanocomposite / nanocrystals with applications in biotechnology, agriculture, food, health and environmental protection - Consortium Director: Prof. PhD. Eng Gallia BUTNARU, value / USAMVBT 310000 lei, code-D02-PT04 MEC PC-514, (2005-2008); 4. Member of the program: Improving curricula food master profile by promoting innovation and quality assurance, in accordance with the requirements of qualifications in Romania and the European Union (CALIMAS) - Project Manager Prof. PhD. Iosif GERGEN (2010-2013)
Annexes	<p>Annex 1 - List of published papers;</p> <p>Annex 2 - List of research projects - development contract / grant, as a director or member of the research team.</p>

Timisoara
26.01.2015

Signature
Assoc.Prof.PhD.Eng. HEGHEDÚŞ-MÎNDRU GABRIEL