



Europass Curriculum Vitae

Personal information

Surname(s) / First name(s)

HEGHEDÚŞ MÎNDRU GABRIEL

Address(es)

Aradului Street, No.119, Timisoara, Romania, Postal code: 300645

Telephone(s)

+40 256277424

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E-mail

gabrielheghedus@usab-tm.ro, gabone2003@yahoo.com

Nationality

Romanian

Gender

male

Desired employment / Occupational field

Work experience

Dates

01.10. 2014 - present

Occupation or position held

Assoc.Prof.PhD.Eng

Main activities and responsibilities

Specific teaching activity following the disciplines: Elements of electrical engineering, Process automation in the food industry, Computer-aided graphics, Analysis of data clusters, elaboration projects diploma, university preparation courses and teaching materials.

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 - present

Occupation or position held

Head of office 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 - 26.04.2013

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);

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Dates

19. 09. 2011 – 01.10. 2014

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.
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	01.10.2005 - 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	Practical work at disciplines: Theoretical Electrical Engineering and Electronics, Automation of processes in the food industry
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, Diploma: Series F no. 0002161/No.1410 of 15.12.2008
Principal subjects/occupational skills covered	The sensitivity of the chemical process, Spectroscopic methods for determining the structure, Systems theory, Chromatographic methods of analysis, Applications of catalysis in organic fine synthesis, Chemical process control
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	15.09.1993 - 24.06.1997
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
European level ()*

Hungarian

English

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

(*) Common European Framework of Reference for Languages

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.
Organizational skills and competences	<p>1. Head of office informatization - Banat's University of Agricultural Sciences and Veterinary Medicine „King Michael I of Romania” from Timisoara, according to the University Senate Decision no. 3210 / 18.05.2012;</p> <p>2. 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;</p> <p>3. 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;</p> <p>4. Member of the organizing committee of the symposium International Conference on Food Chemistry, Engineering & Technology, 2006 - present;</p> <p>5. 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;</p> <p>6. Member of the organizing committee of the symposium 6th International Symposium “Young People Multidisciplinary Research, 24 – 25 septembrie 2004, Timișoara, România;</p> <p>7. Member of the committee for admission to undergraduate and master's degree in July and September sessions, 2008 – present.</p> <p>8. Member of the committee for examination sessions license in July, September and February, 2009 – present.</p> <p>9. Standard pedagogical management skills specific to teaching, laboratory imposed by structuring, scheduling coherent calendar of teaching and research in the disciplines which are holding.</p>
Technical skills and competences	<p>1. Certificate of participation in the 7th CASEE Conference ”The Role of Life Sciences in Europe’s 2020 Strategy”, 22-24 may 2016, Timișoara, România;</p> <p>2. Diploma of participation at the workshop "Bioeconomics - production, processing and sustainable consumption" of the International Conference Diaspora and his friends 2016, unfolded in Timisoara during 25 - 28 April 2016;</p> <p>3. Certificate of participation in the project final conference „<i>UNIVERSITARIA - school academic teaching and advanced research</i>" POSDRU 157 / 1.3 / S / 135 590, 24 november 2015, Timisoara, Romania;</p> <p>4. Certificate of participation in the exchange of BEST PRACTICES – Program conference „<i>UNIVERSITARIA - school academic teaching and advanced research</i>" POSDRU 157 / 1.3 / S / 135 590, 20 - 23 november 2015, Timisoara, Romania;</p> <p>5. Certificate of participation in the National Conference "<i>Access to Scientific Literature: The role of the information for knowledge development, innovation and innovation systems. Third Edition</i>, 29 – 31 october 2015, Timisoara, Romania;</p> <p>6. Certificate of participation in the conference <i>AliMens between science and conscience, organized by AgriBioConcept O.N.G</i>, 22 july 2015, Timisoara, Romania;</p> <p>7. Certificate of participation in the interactive workshop <i>SoMe – SOcial Media and Web 2.0 technologies in Academia</i>, 27 may 2015, Timisoara, Romania;</p> <p>8. Graduation certificate - <i>Training Module in Teaching and university pedagogy</i> - project „UNIVERSITARIA - school academic teaching and advanced research" POSDRU 157 / 1.3 / S / 135 590, november 2015, Timisoara, Romania;</p> <p>9. Graduation certificate - <i>Training Module in Advanced Scientific Research</i> - project „UNIVERSITARIA - school academic teaching and advanced research" POSDRU 157 / 1.3 / S / 135 590, november 2015, Timisoara, Romania;</p> <p>10. Certificate of participation in Taylor & Francis workshop "Publishing in Academic Journals - Tips to Help You Succeed! 26 march 2015, Timisoara, Romania;</p> <p>11. Certificate of participation in the conference with the theme "Access to scientific literature: research, publishing, evaluation", 29-31 october 2014, Cluj-Napoca, Romania;</p> <p>12. Graduation certificates - Pedagogical training schedule for Level I (initial) certification for the teaching profession Teacher Training department, under graduate courses, No. 896/27.05.2014;</p> <p>13. Graduation certificate - pedagogical training program for Level II (depth) certification for the teaching profession Teacher Training department, under graduate courses, No. 193 / 12.11.2014;</p>

	<p>14. Certificate of professional competence - The postgraduate training and continuing professional development: quality, innovation, communication training system of teachers from higher education, Series B, no. 0005777 / 22.11. 2013;</p> <p>15. Certificate of attendance at the workshop with the theme Master's degree in engineering education food and economic environment supported by the project CALIMAS, 11.05.2013, Timisoara, Romania;</p> <p>16. Graduation certificate - Training program and awareness in quality assurance at Distance learning – DL- in POSDRU / 86 / 1.2. / S / 60 720, Developing and implementing a monitoring system, continuous improvement and quality assessment in higher education open and distance based on performance indicators and international standards.31.03.2011 - 31.12.2013;</p> <p>17. Certificate of participation in training and retraining within the "academic excellence in distance learning and part time learning - an approach to quality," 1/18/2013;</p> <p>18. Certificate of participation in the workshop organized within the project SEE-ERA.NET PLUS, contract no. ERA 139/01, entitled Systems to reduce mycotoxins contamination of cereals and medicinal plants in order to preservation native species and traditional products in Romania – Serbia - Croatia area, 24.02.2012;</p> <p>19. Certificate of participation in courses specialized dietary foods - Characterization, Manufacturing technologies and health impacts, 05.05.2011 - 04.06.2011;</p> <p>20. Certificate of participation in the workshop organized under the project MAKIS titled "Implementation modern technological systems for producing dietary food noodles", 02.09.2010.</p>
Computer skills and competences	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
Artistic skills and competences	Passion for computer graphics
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; - Automation in food and chemical industry; - Construction drawing and graphics; - Electronics and Electrical; - Diagnostic / troubleshooting / configuration PC; - PC operation. - Web Design
Driving license	B Category
Computer skills and competences	Making pages: Web, 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
Additional information	
Membership in professional associations	<p>1. Association for. Multidisciplinary Research Area West of Romania;</p> <p>2. Romanian Society of Chemistry.</p>

Research activity and publishing	Author or contributor: 2 specialty books, 2 textbooks for student use and a one practical guide, 6 articles ISI with impact factor, one article ISI proceedings indexing, 2 summaries ISI with impact factor, 37 articles in journals indexed BDI, 9 articles / studies presented at conferences / congresses national and international, 43 citations in ISI journals, 26 citations in journals BDI, 60 diploma projects and 15 dissertation thesis.
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	Annex 1 - List of published papers

Signature

Assoc. Prof. Phd. Eng. HEGHEDÚȘ MÎNDRU GABRIEL