



Curriculum Vitae

Personal information

Surname(s) / First name(s) **Isopencu Gabriela Olimpia**
Address(es) Polizu 1-7. Build. F, no 209, Bucharest, Romania
Telephone(s) +04023969
E-mail g_Isopencu@chim.upb.ro
Nationality Romanian
Gender female

Work experience

Dates 2008-present
Occupation or position held Lecturer
Main activities and responsibilities Teaching courses, seminars, project in chemical engineering field (dynamic processes, heat and mass transfer, intensification operations).
Research in the intensification process field
Name and address of employer Politehnica University of Bucharest, Splaiul Independentei St., No 313, 060043, Bucharest, Romania
Type of business or sector Teaching and research

Dates 2002-2008
Occupation or position held Assistant professor
Main activities and responsibilities Teaching seminars, project in chemical engineering field (dynamic processes, heat and mass transfer, intensification operations).
Research in the intensification process field
Name and address of employer Politehnica University of Bucharest, Splaiul Independentei St., No 313, 060043, Bucharest, Romania
Type of business or sector Teaching and research

Dates 1999-2002
Occupation or position held PhD Student
Main activities and responsibilities Laboratory work with students (dynamic processes, heat and mass transfer, intensification operations).
Research in the intensification process field
Name and address of employer Politehnica University of Bucharest, Splaiul Independentei St., No 313, 060043, Bucharest, Romania
Type of business or sector Research

Education and training

Dates 2011
Title of qualification awarded Industrial Biotechnologies Post doctorate
Principal subjects/occupational skills covered The subject of the Post Doctoral Final Report: *Analysis of antioxidant activity and antimicrobial activity of bioactive principles from local natural sources and methods of amplification of antimicrobial activity*
The ability to synthesize fundamental ideas in frontier areas of engineering and biotechnology.
Name and type of organisation providing education and training USAMV Cluj Napoca

Dates 2011

Title of qualification awarded Project Manager, code COR: 241919

Principal subjects/occupational skills covered

- Establishing the project scope/aims; Establishing the requirements for integrated management of project activities and milestones planning project; Management costs and the use of operational resources for the project; Realization of the acquisitions procedures for project; Risk management; Project team management; Communication management at project level; Project Quality Management;
- Consolidation of theoretical concepts, practical and organizational skills in management area;
- Graduated with a score of 9.

Name and type of organisation providing education and training Min.Muncii, CNFPA, Min. Educatiei, Schultz Consulting

Dates 1999- 2008

Title of qualification awarded Chemical Engineering Doctorate (PhD)

Principal subjects/occupational skills covered

The subject of the Phd Thesis: “*The powdery biomaterials drying using intensification techniques*”.

Leading the experimental research and specialty literature analysis. Design, construction and design of the experimental plants.

Name and type of organisation providing education and training Politehnica University of Bucharest

Dates 1999-2000

Title of qualification awarded Master engineer

Principal subjects/occupational skills covered

Advanced separation methods applied to the biotechnologies and chemical industry. The dissertation theme: “*The interparticular forces existing in the powdery biomaterials beds, in dynamic processing*”.

Name and type of organisation providing education and training Politehnica University of Bucharest

Personal skills and competences

Mother tongue(s)

Other language(s)

Self-assessment
European level ()*

ENGLISH

FRENCH

GERMAN

Romanian

English, French

Understanding		Speaking		Writing	
Listening	Reading	Spoken interaction	Spoken production		
C2	C2	C1	C1	C2	
B2	B2	B2	B2	B2	
B2	B2	B2	B2	B2	

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

Organizational skills and competences	<p>Experience in International Conferences organizing:</p> <ul style="list-style-type: none"> - 3rd International Conference of the Chemical Societies of the South-Eastern European Countries, 2, Bucharest, Romania, 22-25 september 2002 - International conference on intensifying proceedings of biomaterial processings, Sinaia, Romania, 20-23 august, 2007 - International Conference of Applied Sciences, Chemistry and Chemical Engineering – 2008-2016 - 7th International Conference of the Chemical Societies of the South-Eastern European Countries, Bucharest, Romania, 15-17 september 2010 – editor, ISBN 978-973- 748-512-0 - SICHEM, 8-9 September 2016, Bucharest - desk work in registration, accommodation and collecting fees: <ul style="list-style-type: none"> - interaction between scientific committee and the participants. - solving unexpected problems. - scientific presentations.
Technical skills and competences	<p>RESEARCH FIELDS:</p> <ul style="list-style-type: none"> - Experience in theoretical design in dynamics, heat and mass transfer and process intensification for chemical and biochemical unit operations. - Transport phenomena; - Intensifying procedures of the unitary processes and operations in chemical and biochemical industry (fluidization, utilization of sounds and mechanical oscillations); - Dynamics and heat transfer of heterogeneous solid – fluid systems; - Drying of the biomaterials; - Separation operations of the heterogeneous solid - fluid systems: filtration, sedimentation. - Biochemical and biological reactors operating. - Microbiological test for food industry.
Computer skills and competences	<p>European Driving License of Computers (Windows, Word, Excel, Power Point) Other skills in: Autocad, Mathcad, CorellDraw.</p>
Driving license	<p>Auto Driving license cat. B</p>
Additional information	<p><i>Member in professional association such as:</i> <i>Romanian Chemical Engineering Society</i> <i>Romanian Chemical Society</i> <i>European Association for Chemical and Molecular Science</i></p>