



Personal information

First name(s) / Surname(s) **Paduraru Carmen-Nella**

Address(es)

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Fax(es)

E-mail cpadur2005@yahoo.com

Nationality Romanian

Date of birth 08.12.1957

Gender female

Occupational field Teaching and researching activities

Work experience

Dates **2014 - present**

Occupation or position held Associate professor

Main activities and responsibilities Teaching and researching activities

Name and address of employer "Gheorghe Asachi" Technical University of Iasi, „Cristofor Simionescu” Faculty of Chemical Engineering and Environmental Protection, Department of Environmental Engineering and Management, 71 AD. Mangeron, 700050, Iasi, Romania

Type of business or sector High education, research

Dates **2008 - 2014**

Occupation or position held Lecturer(senior researcher)

Main activities and responsibilities Teaching, researching

Name and address of employer "Gh. Asachi" Technical University Iasi, „Cristofor Simionescu” Chemical Engineering and Environmental Protection Faculty. , 71 D.Mangeron Street, 700050 Iasi, Romania

Type of business or sector Higher education, research

Dates **1990 - 2008**

Occupation or position held Assistant (Researcher)

Main activities and responsibilities Teaching, researching

Name and address of employer "Gh. Asachi" Technical University Iasi, „Cristofor Simionescu” Chemical Engineering and Environmental Protection Faculty. , 71 D.Mangeron Street, 700050 Iasi, Romania

Type of business or sector Higher education, research

Dates **1981-1990**
 Occupation or position held chemist
 Main activities and responsibilities Product quality control.
 Name and address of employer MOLDOPLAST S.A., Iasi, ROMANIA, Calea Chisinaului nr. 23, Iasi, 700265
 Type of business or sector Industrial

Education/Specializations

Dates **2000- 2005**
 Calification/diploma obtained PhD

Disciplines/ professional competencies gained Analytical Chemistry Specialization
Name and type of educational institution "Gh. Asachi" Technical University Iasi, „Cristofor Simionescu” Chemical Engineering and Environmental Protection Faculty

Dates **1976-1981**
 Calification/diploma obtained Chemist diploma
Disciplines/ professional competencies gained
Name and type of educational institution Bachelor of Science in Chemistry
 "Gheorghe Asachi" Polytechnic Institute of Iasi, Romania, Faculty of Chemical Technology

Personal skills and competences

Mother language (s) Romanian

Other language(s) (*) **Common European Framework of Reference for Languages**

Self-assessment <i>European level (*)</i>	Understanding		Speaking		Writing
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B1	B1	B2
French	B2	B2	B1	B1	B2

Social skills and competences Ability to work with other people, in multicultural environments, in situations where communication and teamwork are essential

Organisational skills and competences Coordination and management skills

Technical skills and competences

Research areas/ Development :

- Solid theoretical background in analytical and environmental chemistry.
- Experience in isolation, separation, preconcentration and purification of products.
- Experience in environmental quality assessment and analysis.
- Practice in using UV-VIS spectrophotometers, FT-IR spectrometers, AAS- spectrometers.
- Practice and knowledge of molecular absorption spectrophotometry (UV-VIS) and derivative spectrophotometric methods, solid phase spectrophotometry, atomic absorption spectroscopy, atomic emission spectroscopy.
- Experience in using combined methods for determination of platinum and pollutant heavy metals from complex systems, concentration of metal ions on various natural and synthetic sorbents (polyethyleneimine grafted polystyrene latex).
- Working with computer, with different types of research equipment facilities

Scientific activity:

- Books and chapters published by Publishing Houses recognised at national/international level 7/3;
- Articles published in international journals (ISI ranked and included in international data bases):41
- Articles/Studies published full-text in international/national recognized conference volumes:6
- Articles published in national journals (ISI ranked and included in international data bases):25

- *Research and development projects based on international grants: out of which:*
No 3 strategic projects with structural funding;
- *Research and development projects based on national grants: 10*
- *Contracts with industry, regional operators (for 4 projects as director)-34*
- : .

Affiliation Romanian Chemical Society
- Chemical European Federeations Society - EUCHEMS (Bruxelles)

Other skills and competences Trainer for the discipline „ Ecology and Environmental Protection” in „The national network of ongoing training for teachers in secondary technical professional education system (CONCORD)” - POSDRU/87/1.3/S /61.397 project

Development of materials for practical applications and evaluation tests; students evaluation
Reviewer of the ISI ranked journals in the *Environmental And Chemical Engineering* domain:

Driving license

Interests