

# Europass Curriculum Vitae



## Personal information

First name(s) / Surname(s) **Tofan Lavinia**

Address(es) "Gheorghe Asachi" Technical University of Iasi, "Cristofor Simionescu" Faculty of Chemical Engineering and Environmental Protection, Department of Environmental Engineering and Management, 73 D. Mangeron Blvd, 700050, Iasi

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Nationality Romanian

Date of birth 26.07.1960

Gender F

## Work experience

Dates 2013-present

Occupation or position held Associate Professor

Main activities and responsibilities Teaching, researching

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, 73 D. Mangeron Blvd, 700050, Iasi

Type of business or sector	Education-Research
Dates	2013-present
Occupation or position held	Analysis responsible
Main activities and responsibilities	Activities specific to monitoring, analysis and control of environmental factors
Name and address of employer	Gheorghe Asachi" Technical University of Iasi, "Cristofor Simionescu" Faculty of Chemical Engineering and Environmental Protection, Laboratory for Analysis of Environmental Factors, 73 D. Mangeron Blvd, 700050, Iasi
Type of business or sector	Research
Dates	<b>13.05.2014-12.11.2015</b>
Occupation or position held	Educational sciences expert within the POSDRU project "New approaches in the professional training of specialists in the field of Environmental Engineering in view to a sustainable regional development and the correlation with the current requirements of the labor market" (REGIOSIM) POSDRU/156/1.2/G/136423
Main activities and responsibilities	Elaboration of procedures, reports, involvement in curriculum development, improvement and adaptation of already existing study programs and implementation of new study programs
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, 73 D. Mangeron Blvd, 700050, Iasi
Type of business or sector	Education
Dates	<b>2012 – 2016</b>
Occupation or position held	Project manager( P1 TUIasi) for Contract no. 223/2012 "Inquiry - Based Education in Science and Technology", Partnerships in Priority Areas Programm
Main activities and responsibilities	Management, development of educational materials
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, 73 D. Mangeron Blvd, 700050, Iasi
Type of business or sector	Education
Dates	<b>2012 – 2013</b>
Occupation or position held	Trainer for the discipline "Technologies of atmospheric protection" in the project POSDRU/87/1.3/S/61397 "National network of continuous training of teachers in professional and technical pre-university education - CONCORD"
Main activities and responsibilities	Educational activities (development of materials for practical applications and evaluation tests; evaluation of learners)
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, 73 D. Mangeron Blvd, 700050, Iasi
Type of business or sector	Education
Dates	<b>1999-2013</b>
Occupation or position held	Lecturer
Main activities and responsibilities	Teaching, researching
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, 73 D. Mangeron Blvd, 700050, Iasi
Type of business or sector	Education- Research
Dates	<b>1990 - 1999</b>
Occupation or position held	Assistant
Main activities and responsibilities	Teaching, researching
Name and address of employer	" Gheorghe Asachi" Technical University of Iasi, "Cristofor Simionescu" Faculty of Chemical Engineering and Environmental Protection, 73 D.Mangeron Blvd., 700050 Iasi
Type of business or sector	Education-Research

Dates	<b>1987 – 1990</b>
Occupation or position held	Substitute assistant
Main activities and responsibilities	Teaching, researching
Name and address of employer	“Gheorghe Asachi” Technical University of Iasi, “Cristofor Simionescu” Faculty of Chemical Engineering and Environmental Protection, 73 D.Mangeron Blvd., 700050 Iasi
Type of business or sector	Education-Research
Dates	1984 – 1987
Occupation or position held	Chemical engineer
Main activities and responsibilities	Research-development
Name and address of employer	Plant of Synthetic Fires, 29 Chisinau Street, Iasi
Type of business or sector	Industry

## Education and training

Dates	2018
Title of qualification awarded	Habilitation Certificate
Principal subjects/occupational skills covered	Habilitation Thesis: “Heavy metal removal from wastewaters by sorption processes”
Name and type of organisation providing education and training	“Gheorghe Asachi” Technical University of Iasi, “Cristofor Simionescu” Faculty of Chemical Engineering and Environmental Protection
Dates	10.1990 – 01.1998
Title of qualification awarded	PhD
Principal subjects/occupational skills covered	Analytical Chemistry Specialization
Name and type of organisation providing education and training	“Gheorghe Asachi” Technical University of Iasi, “Cristofor Simionescu” Faculty of Chemical Engineering and Environmental Protection
Dates	09.1979 – 06.1984
Title of qualification awarded	Engineer Diploma
Principal subjects/occupational skills covered	Chemical Engineering and Industrial Management
Name and type of organisation providing education and training	“Gheorghe Asachi” Polytechnic Institute of Iasi, Romania, Faculty of Chemical Technology

## Personal skills and competences

Mother tongue(s) Romanian

Other language(s) **Specify language and evidence of skill level (language certificate)**

Self-assessment <i>European level</i> <b>English</b> <b>French</b>	Understanding				Speaking				Writing	
	Listening		Reading		Spoken interaction		Spoken production			
	C1	Advanced	C2	Advanced	C1	Advanced	C1	Advanced	C1	Advanced
	C1	Advanced	C2	Advanced	C1	Advanced	C1	Advanced	C1	Advanced

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	Leadership; organizational spirit; collaborations; innovative and dynamic spirit
Technical skills and competences	Computer, working of different equipment of research – development
Computer skills and competences	Word, Excel, Power Point

**Additional information**  
Research directions

- sorption removal/recovery of heavy metal ions by using polymeric materials (organic synthetic resins and polyurethane foams);
- studies concerning the feasibility of the conversion of industrial and agricultural wastes into value-added sorbents, applicable in the advanced wastewater treatment;
- the adaptation and development of analytical methods for the determination of chemical species in low concentrations

Courses taught

- Analytical Chemistry I (Chemical Engineering BSc specialization);
- Analytical Chemistry and Instrumental Analysis (BSc Specialization on Environmental Engineering); Analytical Chemistry I (College);
- Analysis Techniques and Quality of Chemical Products (College of Laboratory Techniques);
- Analytical Control of Product Quality (BSc Specialization on Engineering and Management);
- Environmental Chemistry and Physics (Master of Science Program on Energy and Environment);
- Assessment of Quality Indicators of Environmental Pollution (Master of Science Program on Engineering of Clean Procedures);
- Ecology and Environmental Protection (Master of Science Program on Environmental Management).

Scientific activity

PUBLICATIONS  
-22 scientific national books  
- 7 book chapters, from which 6 chapters published in international prestigious publishing houses from abroad and 1 in English by 'Al.I.Cuza' University Ed., Iași, Romania  
- 42 ISI scientific papers(25 first/single author)  
- 41 articles included in foreign IDB (international data bases)(23 first/single author)  
-10 articles in international and national conference/symposium proceedings

March, 2023

Assoc.Prof.,Dr.habil.,Eng. Lavinia Tofan

