



Europass Curriculum Vitae

Personal information

First name(s) / Surname(s) **Mirela Panainte - Lehăduș**

Address(es) **Office** : "Vasile Aleccsandri" University of Bacau, **ENGINEERING FACULTY** , 157, Calea Marasesti Str. , postcode 600115, Bacau, Romania
Home: 8, C, 8, proiectantului Str., Bacau, Romania

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Nationality romanian

Date of birth 21.01.1977

Gender female

Occupational field

Education and research

Work experience

Dates March 2012 - present

Occupation or position held **Assoc. prof. dr. eng.**

Main activities and responsibilities

- Vice Dean Engineering Faculty (2016 – present)
- Head of Management Department, "Vasile Aleccsandri" University of Bacau, (2010 - 2016)
- Responsible for Quality Management at "Environmental Engineering and Mechanical Engineering Department

Teaching and research in Environmental Engineering;

Name and address of employer **"Vasile Aleccsandri" University of Bacau, Engineering Faculty**, 157 Calea Marasesti Str. , postcode 600115, Bacau, Romania; tel. 0040234580170/143; fax: 0040234580170
Website: www.ub.ro

Type of business or sector High education and research

Dates February 2007 - march 2012

Occupation or position held **Lecturer dr. eng.**

Main activities and responsibilities Teaching and research in Environmental Engineering;

Name and address of employer **"Vasile Aleccsandri" University of Bacau, Engineering Faculty**, 157 Calea Marasesti Str. postcode 600115, Bacau, Romania; tel. 0040234580170/143 ; fax: 0040234580170
Website: www.ub.ro

Type of business or sector High education and research

Dates 2003 – February 2007 2000 – February 2003 ;
Occupation or position held Assistant dr. eng., tutor drd. eng
Main activities and responsibilities Teaching and research in Environmental Engineering
Name and address of employer "Vasile Aleccsandri" University of Bacau, Engineering Faculty, 157 Calea Marasesti Str. , postcode 600115, Bacau, Romania
Type of business or sector High education and research

Education and training

Dates 2001 - 2008
Title of qualification awarded PhD research in mechanical engineering
Principal subjects/occupational skills covered Thesis title: Research regarding the grinding process optimization to agro-food products grinding
Name and type of organisation providing education and training "Gh. Asachi" Technical University of Iasi – Mechanical Faculty

Dates 2000 - 2002
Principal subjects/occupational skills covered Master degree in Management of Industry Productions
Name and type of organisation providing education and training "Vasile Aleccsandri" University of Bacau, Engineering Faculty, Postgraduate Department
Level in national or international classification Postgraduate

Dates 1995-2000
Principal subjects/occupational skills covered Mechanical Engineering Degree specialization in Equipments to Food Industry
Name and type of organisation providing education and training "Vasile Aleccsandri" University of Bacau,, Engineering Faculty
Level in national or international classification Bachelor

Personal skills and competences

Mother tongue(s) Romanian
Other language(s)

Self-assessment
European level (*)

English

Italian

		Understanding		Speaking				Writing	
		Listening	Reading	Spoken interaction		Spoken production			
B2	Independent user	C1	Proficient user	B1	Independent user	B2	Independent user	B2	Independent user
B1	Independent user	B2	Independent user	B1	Basic user	B2	Independent user	B2	Independent user

(*) Common European Framework of Reference for Languages

Social skills and competences Team worker, good communicator

Organisational skills and competences	<p>Competencies proven by the administrative functions occupied until now:</p> <p>Vice Dean Engineering Faculty</p> <ul style="list-style-type: none"> • Head of Management Department • Responsible for Quality Management at Head of Research Center "Environmental Engineering and Mechanical Engineering Department <p>Project management skills and competences: project manager or responsible for 1 project financed by CNCSIS and project financed by economic agents</p>
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Computer skills and competences	Microsoft Office , Internet Explorer, Matchad, Mechanical Desktop6, Solid Works, Table Curve 2D and 3D
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Additional information

- 9 scientific books published;
- 30 scientific papers published in ISI journal and proceeding ISI;
- 45 scientific papers published in international journal considered in international base of dates;
- 30 scientific papers published in volumes of international scientific manifestations;
- 40 research contracts
- IH Scopus – 4
- IH Web of Science – 3
- IH Google Academic - 6
- three months postgraduate probation to Universita degli study di Parma, Italy, 2004
- Teaching stage t by TS Erasmus Program at the: Universita degli Studi di Parma, Italia in 2006, Universidad di Zaragoza, Spania, 2006, Universidad di Valladolid, Spain, 2007, Istituto Tecnico Superior, Lisboa, Portugal, 2007, Universida di Zaragoza, Spania, 2008; University of Limoges, Franța, 2010, 2011, 2012, 2013, 2014, 2015, Anghel Kunchev, Ruse, Bulgaria, 2011; University of Lisboa, Portugalia, 2018.
- Intensive Program "The Future of Energy in Europe", Hanzehogeschool Groningen, Olanda, 2008; octomber
- Intensive Program "RELWA IP - Renewable energies for living and working areas", 2011, IUT in Saint-Denis, Université Paris 13, France

ISI papers - selection

1. Panainte-Lehăduş, M. , Nedeff, F., Petrovici, A., Telibaşa, G., Felegeanu, D.-C., Schnakovszky, C. Assessing the health and safety risks in the education sector, *Environmental Engineering and Management Journal* Environmental Engineering and Management Journal, 2016, 1582-9596, vol. 15, no. 3 pp. 563-572
2. Radu, M. , Nedeff, V., Nicolescu, M.C., Danu, M., Panainte-Lehăduş, M., Stănilă, M., Schnakovszky, C, Study on the separation of purge gases from ammonia plant, *Environmental Engineering and Management Journal*, 2016, 1582-9596, vol. 15, no. 3 pp. 573-578
3. Felegeanu, D.-C. , Paraschiv, G., Panainte-Lehăduş, M., Horubet, M., Belciu, M., Radu, M., Turcu, O.L., A combined method for the analysis and assessment of risks and industrial safety, *Environmental Engineering and Management Journal*, 2016, 1582-9596, vol. 15, no. 3 pp. 573-578
4. Antonina Temea, Claudio Comoglio, Serena Botta, Valentin Nedeff, Mirela Panainte-Lehăduş, Marcela Danu, Narcis Barsan, Developing a green register of eco-labeled products in Romania, *Environmental Engineering and Management Journal*, 1582-9596, 2016, vol. 15, no. 8 pp. 1873-1878
5. Florina Fabian, Silvia Fiore, Giuseppe Genon, Deborah Panepinto, Valentin Nedeff, Mirela Panainte, Preliminary evaluation of the environmental impact of water treatment process, *Environmental Engineering and Management Journal*, 1582-9596, 2016, Vol.15, No. 8, 1873-1878
6. **Mirela Panainte**, Vassilis Inglezakis, Iuliana Caraman, Mihai C. Nicolescu, Emilian Moşneguţul, Florin Nedeff - The evolution of eco-labeled products in Romania, *Environmental Engineering and Management Journal*, 2014, vol. 13, no. 7, pp. 1665-1671, **FI 1.258**
7. **Mirela Panainte**, Marius Stănilă, Emilian Moşneguţu, Oana Irimia, Doina Capşa, Florin Nedeff, Claudia Tomozei, Ion Joiţa, Gabriela Telibaşa - Monitoring emissions from large combustion plants, *Environmental Engineering and Management Journal*, 2014, vol. 13, no. 7, pp. 1657-1663, **FI 1.258**
8. **Doina Capsa, Mirela Panainte, Dana Chitimus, Marius Stanila, Daniel-Catalin Felegeanu**, *Environmental Engineering and Management Journal*, 2014, vol. 13, no. 7, pp. 1573-1580, **FI 1.258**
9. **Mirela Panainte**, Iuliana Caraman, Valentin Nedeff, Vassilis Inglezakis, Christos Venetis, Philipos Coutsikos, Gabriel Lazar, Narcis Barsan - Green market: a comparative study in Romania, *FRESENIUS ENVIRONMENTAL BULLETIN*, 2014, vol. 23, no. 11, pp. 2870-2875, **FI 0.527**
10. Turcu M., Nedeff V., Barsan N., Moşnegutu E.F., Panainte M., Application of organic flocculants for the treatment of sludge from municipal wastewater treatment plants. *Environmental Engineering and Management Journal*, 2013, vol. 12, no. 1, pp. 163-166, **FI 1.117**
11. Irimia Oana Tirtoaca, Tomozei Claudia, Panainte Mirela et al. Efficiency of Filters with different filtering materials: comparative study in water treatment, *Environmental Engineering and Management Journal*, 2013, vol.12, no. 1, pp. 35-39, **FI 1.117**
12. Stănilă Marius, Nedeff Valentin, Chiţimuş Dana, Moşneguţu Emilian, Panainte Mirela, Optimization of a mixed cycle gas turbine Titan 130S type operating under partial loads, *Environmental Engineering and Management Journal*, 2013, vol. 12, no.1, **FI 1.117**
13. Ovidiu Bontas, Valentin Nedeff, Emilian Florin Moşnegutu, Mirela Panainte, Oana Tirtoacă Irimia, Behaviour of solid particles on a flat oscillating surface, *Environmental Engineering and Management Journal*, January, 2013, vol.12, no. 1, pp. 17-22, **FI 1.117**
14. M. Vasilica, D. Capsa, I. Covaci, V. Nedeff, N. Barsan, M. Panainte, A CASE STUDY ON HEAVY RAINFALL IN THE CENTRAL-SOUTHERN MOLDAVIA REGION, ROMANIA, *Environmental Engineering and Management Journal*, 2012) 1, vol. 11, no. 12, 2151-2158, **FI 1.004**
15. Alexandra-Dana Chiţimuş, Valentin Nedeff, Emilian Florin Moşneguţu, Mirela Panainte - In situ soil flushing – studies on yield of polluted remediation sandy soils with organic compounds acids, *Environmental Engineering and Management Journal*, 2012, vol.11, no.12, 1582-9596, **FI 1,004**
16. Narcis Bârsan, Valentin Nedeff, Emilian Florin Moşneguţu, Mirela Panainte - Heat balance components of a small sequencing batch reactor applied for municipal wastewater treatment, *Environmental Engineering and Management Journal*, 2012, vol.11, no.12, 2131-2138, **FI 1,004**

17. Valentin Nedeff, Emilian Moşneguţa, Mirela Panainte, Mihail Ristea, Gabriel Lazăr, Dan Scurtu, Bogdan Ciobanu, Adrian Timofte, Ştefan Toma, Maricel Agop - Dynamics in the boundary layer of a flat particle, Powder Technology, 2012, vol. 221, pp. 312–317, FI 2.024
18. Măcărescu Bogdan, Nedeff Valentin, Capăt Cornelia, Panainte Mirela, Moşneguţa Emilian, Savin Carmen – Studies and research regarding efficiency improvement of the district heating system and heat supply in an urban agglomeration in Romania. Study case for the CHP plant in Bacau, Metalurgia International, ISSN 1582-2214, vol. XV, no. 11, 2010, pp. 123 – 129, FI 0.126
19. Mirela Panainte, Nedeff Valentin, Bogdan Macaescu, Emilian Moşneguţa, Claudia Tomozei – Studies and research on the environmental impact of noise created by a work station for producing concrete, Metalurgia International, 2009, no. 11, vol. XIV, pp. 73 – 76, ISSN 1582-2214; FI 0.154
20. Valentin Zichil, Mirela Panainte, Valentin Nedeff, Emilian Moşneguţa, Carmen Savin, Bogdan Macaescu, Ciprian Olaru – Considerations about a new method able to determine the breaking up energy at materials with variable texture, Metalurgia International, 2009, vol. 14, no. 6, pp. 15 – 20, FI 0.14799
21. Mirela Panainte, Nedeff Valentin, Schnacovzky Carol, Moşneguţa Emilian, Carmen Savin – Theoretical study regarding the possibility to determination on the grinding energy to products with variable texture, Metalurgia International, 2009, vol. XIV, nr. 1, ISSN 1582 – 2214, pp. 62 – 67; FI 0.14799

Research contract – selection

Applying laboratory research for wastewater treatment and sludge treatment, Contract no. 1/2017

Traffic data collection for the development of the sustainable urban mobility plan, Bacau (S.C. Search Corporation S.R.L.), Contract no. 8/2016

Laboratory research on waste water and sludge treatment 7/2016, Contract no. 7/2016

Laboratory research on the treatment of industrial wastewater using organic flocculants, Contract no. 1/2016

Research on chemical treatment of industrial wastewater, Contract no. 20/2015

Studies on the chemical treatment of wastewaters from the oil industry, Contract no. 19/2015

Research on chemical treatment of industrial wastewater (S.C. ECO Sistem Proiect S.R.L. Bacău), Contract no. 18/2015

Study on the determination of occupational hazards specific to the workplace from SC NADENKA SRL, Contract no. 17/2015

Research on application of coagulation and flocculation in waste water treatment (S.C. ECO Sistem Proiect S.R.L. Bacău), Contract no. 14/2015

Research on sludge treatment (S.C. ECO Sistem Proiect S.R.L. Bacău), Contract no. 12/2015

GEENPRO - Promoting green products, LIFE08 INF/RO/000507

Research on how to fit the noise and noise immissions from ERUMECAR Concrete Station, model EMA-12042 during the commissioning tests and the establishment of possible measures, SC RUSTRANS BACAU, Contract no. 2/2009,

Study on the determination of the level of vibrations produced during the operation of the mineral aggregate washing plant, Dospineşti village, Buhoci commune, Bacau county, Contract no. 3/2011,

Studies and research on waste management at S.C. Comservice Company SRL Bacau, Contract no. 16/2013,

Research on the monitoring of the emissions of NOx (CO, CO2, NOx, SO2) from the combustion plants from the CET Bacău platform, as well as the use of the DELTA 2000 measuring device for the purchase of data in continuous flow to IMA 3", Contract no.6 / 2010,

Research on impact assessment on the environment of the construction of a 4 star hotel and hotel connection to utilities, village Vădurele, commune Alexandru cel Bun, Neamţ County, Contract no. 4/2011,

Stabilized microplatter for aerial surveillance video equipment, CEEX 122 / 1-2006

P-CD "Integrated acoustic-video monitoring system for environmental pollution with noise", INNOVATION Program, Module 1 Product Development systems, PNCDI II, 2007, Project 132/2007:

1.08.2018

Assoc. prof. dr. eng. Mirela Panainte-Lehăduş

