



Europass Curriculum Vitae

Personal information

First name(s) / Surname(s) **LIVIA BANDICI**

Nationality **Romanian**

Work experience

Dates **1st of October 2004 – present**

Occupation or position held **Associate Professor**

Main activities and responsibilities **Tenure of the subjects: Electrothermics, Use of electrical energy, Modern electrothermal systems, Sources of electrical energy**

Name and address of employer **University of Oradea, 1 Universităţii Str., Oradea**

Type of business or sector **Teaching activity, research activity**

Dates **1st of October 10.2000 – 1st of October 2004**

Occupation or position held **Lecturer**

Main activities and responsibilities **Teaching activity, research activity**

Name and address of employer **University of Oradea, 1 Universităţii Str., Oradea**

Type of business or sector **Teaching activity, research activity**

Dates **1st of October 1998 – 1st of October 2000**

Occupation or position held **Assistant Lecturer**

Main activities and responsibilities **Teaching activity, research activity**

Name and address of employer **University of Oradea, 1 Universităţii Str., Oradea**

Type of business or sector **Teaching activity, research activity**

Dates **1st of March 1996 – 1st of October 1998**

Occupation or position held **Junior Assistant**

Main activities and responsibilities **Electrothermics – practical works**

Name and address of employer **University of Oradea, 1 Universităţii Str., Oradea**

Type of business or sector **Teaching activity, research activity**

Dates **15th of March 1987 – 1st of March 1996**

Occupation or position held **Junior engineer. Microwave research team**

Main activities and responsibilities **- Development of heating equipment in a microwave field;
- Development of the microwave generator of 800 W**

Name and address of employer **Institute of Junior Engineers in Oradea**

Type of business or sector **Research activity**

Dates **7th of September 1982 – 15th of March 1986**

Occupation or position held **Electrician**

Main activities and responsibilities **Equipment maintenance activities**

Name and address of employer **Sinteza Oradea, Şos. Borşului Str.**

Type of business or sector **Service for maintenance and reparation of electrical equipment**

Education and training

Dates	2009-2011
Title of qualification awarded	Master's studies
Principal subjects/occupational skills covered	Educational management
Name and type of organisation providing education and training	University of Oradea, Department for the Training of the Teaching Staff
Dates	1st of November 1997 – 12th of July 2003
Title of qualification awarded	PhD in Electrical Engineering
Principal subjects/occupational skills covered	Title of the thesis <i>Numerical modelling of the electromagnetic and thermal fields coupled in microwave installations</i>
Name and type of organisation providing education and training	University of Oradea, Faculty of Electrical Engineering and Computer Science
Level in national or international classification	PhD Engineer
Dates	1995 – 1996
Title of qualification awarded	Advanced university studies
Principal subjects/occupational skills covered	Modern technologies using inductive heating and microwave equipment
Name and type of organisation providing education and training	University of Oradea, Faculty of Electrical Engineering and Computer Science
Level in national or international classification	Advanced university studies
Dates	1991 – 1995
Title of qualification awarded	Engineer
Principal subjects/occupational skills covered	Electromechanical engineer
Name and type of organisation providing education and training	University of Oradea, Faculty of Electrical Engineering and Computer Science
Level in national or international classification	Long-term university studies
Dates	1983 – 1987
Title of qualification awarded	Junior engineer
Principal subjects/occupational skills covered	Manufacturing engineering
Name and type of organisation providing education and training	Institute for Junior Engineers Oradea
Level in national or international classification	Short-term university studies
Dates	1978 – 1982
Title of qualification awarded	Electrician
Principal subjects/occupational skills covered	Electrical engineering
Name and type of organisation providing education and training	Chemistry High School "Sinteza" Oradea
Level in national or international classification	Secondary education

Personal skills and competences

Mother tongue(s)

Romanian

Other language(s)

Self-assessment

European level (*)

English

French

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B1	upper intermediate	B1	intermediate	B1	intermediate	B1	intermediate	B1	intermediate
B2	upper intermediate	B2	upper intermediate	B2	upper intermediate	B2	upper intermediate	B2	upper intermediate

(*) [Common European Framework of Reference for Languages](#)

Social skills and competences

- Communication in multi-cultural contexts, team spirit, perseverance, ability to learn quickly new things and to adapt easily to new situations and ability to work under pressure

Organisational skills and competences

- Coordination of research and project activities;
- Coordination of Grants and Research Projects;
- Project management;
- Quality management in higher education.

Technical skills and competences

- Analysis of the electromagnetic field through analytical and numerical methods;
- Antennas, waveguides and propagation;
- Modelling, simulation and optimization of inductive and microwave equipment construction;
- Implementation of “Green Technology” to obtain quality products;
- The development of processing equipment in the microwave field for obtaining nanopowders.

Computer skills and competences

- Use of professional modelling and simulation programmes
- Use of computers

Other skills and competences

Team spirit - through the nature of my activities I have always been part of a team, my organizational ability has allowed me to integrate without problems. I was personally involved, as far as possible, in most of the activities of the department, faculty, and university.

Driving licence

Class B since 1990

Additional information

1. Books published: 17, of which as first author: 8
2. Scientific papers published: 165, of which:
- 31 in Web of Science;
- 43 in international databases;
- 52 in the volumes of international scientific events;
- 39 in specialized national journals.
The international recognition of the value of the results is confirmed by the cited articles: WoS: 56 citations, h-index: 5; Scopus: 67 citations, h-index: 6; Scholar Google: 227 citations, h-index: 8.
3. Programmes/Grants/Projects: 18, of which 11 won through national competitions (5 – Director/Project Manager, 6 – Member) and 7 carried out in collaboration with the socio-economic environment (1 – Director; 6 – Member).
4. Trainings:
- 1st of March 1999-30th of June 1999, I.N.P. Toulouse – France, under the guidance of Prof.Dr.Eng. Serge Leufeuve;
- 1st of May 2000-1st of June 2000, Ghent University, Belgium, under the guidance of Prof.Dr.Eng. Gilbert De Mey;
- 1st of May 2001-1st of June 2001, Ghent University, Belgium, under the guidance of Prof.Dr.Eng. Gilbert De Mey;
5. Director of the Quality Assurance Department (2018-present).

6. Member of editorial boards and reviewer for conferences and international/national journals: Journal of Microwave and Wireless Technologies 2012-2017; EMES'09-EMES'14, ICEMES'15; ICEMES'15 (IEEE technical co-sponsorship); ICADET'21.
7. Member of the Senate of the University of Oradea (2016-2018, 2020-present).
8. Member of the Faculty Council (2010-2019).
9. Member of the Department Council (2006-2015).
10. Member of professional associations: AGIR, SRPNI, EUMA, AIEE.
11. Member of the ARACIS board of assessors in the field of Electrical Engineering for the activities of accreditation and evaluation of quality in higher education.
12. Member of the body of internal auditors of the University of Oradea.

Oradea,

Livia Bandici



28.11.2022