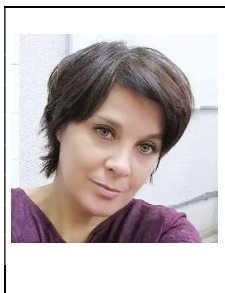


## CURRICULUM VITAE



### PERSONAL DATA

<b>Name</b>	<b>MILICI Mariana-Rodica</b>
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<b>Fax</b>	~
<b>E-mail</b>	office: mariana.milici@usm.ro; mariana.milici@usv.ro
<b>Nationality</b>	Romanian
<b>Date and place of birth</b>	28.03.1970, Gura-Humorului, Suceava, Romania
<b>Marital status</b>	married

### EDUCATION

#### ➤ Elementary studies

- 1976÷1984 – School no.1, Gura-Humorului

#### ➤ Highschool studies

- 1984÷1988 – Industrial highschool, Gura-Humorului – Study program: Mathematics-Physics

#### ➤ University general studies

- 1996÷1998 – „Ștefan cel Mare” University of Suceava – Faculty of Electrical Engineering – Study program: Computers

#### ➤ Bachelor studies

- 1989÷1994 – „Gh. Asachi” Technical University of Iassy – Faculty of Electrotechnics – Study program: Instrumentation

#### ➤ Postgraduate studies

- 1994÷1995 – „Gh. Asachi” Technical University of Iassy – Faculty of Electrotechnics – Study program: Power Electrotechnics

#### ➤ Master studies

- 2002÷2004 – „Ștefan cel Mare” University of Suceava – Faculty of Electrical Engineering – Study field: Systems and computer science – Study program: Informatics

#### ➤ Doctoral studies

- 1995÷2003 – „Gh. Asachi” Technical University of Iassy – Faculty of Electrotechnics – Doctoral field: Electrical engineering – Specialization: Metrology

### COURSES, TRAINING, INTERNSHIPS

#### ➤ POSDRU – Postdoctoral programs

- 01.07.2010÷31.03.2013 – „Ștefan cel Mare” University of Suceava – Post-doctoral research within the POSDRU/88/1.5/S/57083 (PRiDE) – Research field: Electrical engineering

#### ➤ POSDRU – Postgraduate programs (with certification)

- 01.11.2010÷31.10.2013 – Polytechnic University of Bucharest – Training department for teaching career and socio-human sciences – Postgraduate program within POSDRU/87/1.3/S/63709 (DIDACTICA)
- 01.03.2012÷30.11.2012 – Technical University of Cluj-Napoca – Department for lifelong education and distance learning – Postgraduate program within POSDRU 87/1.3/S/60891 (DidaTec)
- 01.02.2015÷31.10.2015 – ANC – Postgraduate program within POSDRU/157/1.3/S/135590 (Universitaria)

#### ➤ POSDRU – Postgraduate programs (without certification)

- 11.07.2013÷12.07.2013 – “Al.I. Cuza” University of Iassy – Course “Quality management in higher

education” as part of a postgraduate program organized within POSDRU/86/1.2/S/61959

- 24.09.2013, 30.09.2013, 01.10.2013÷03.10.2013 – “Spiru Haret” University – Postgraduate program for training and awareness in quality assurance in distance learning - ID (Conference and Seminar) within POSDRU/86/1.2/S/60720
- 09.12.2013÷13.12.2013 – Course “Process Improvement Manager” as part of a postgraduate program within POSDRU/86/1.2/S/62249
- 05.11.2015 – organizer: UEFISCDI – Training session for the use of the platforms Unique Matriculation Register (RMU), Integrated Educational Register (REI) as part of a postgraduate program within POSDRU/155/1.2/S/141278 (INFO-HE)

#### ➤ POCU – Postgraduate programs (with certification)

- September 2019 ÷ April 2021 – “Ștefan cel Mare” University of Suceava – Postgraduate program „Problem Based Learning (PBL) for university education” within POCU/320/6/21/121030

#### ➤ Advanced trainign programs – within Tempus/Erasmus/Erasmus+ internships

- December 1997 ÷ April 1998 – Portugal (Porto) – Higher Institute of Engineering (Instituto Superior de Engenharia) – Tempus internship (students training)
- 25.04.2011÷30.04.2011 – Belgium (Gent) – Katholieke Hogeschool Sint Lieven – Power engineering department – Erasmus internship (teacher training)
- 01.07.2013÷05.07.2013 – Croatia (Zagreb) – University of Zagreb – Faculty of Electrical Engineering and Computing – Department of Electronic Systems and Information Processing – Erasmus internship (teacher training)

#### ➤ Training programs (with certification)

- 2011 – SC CEPECOMSA – Training program: “Trainer”
- 26.10.2015÷05.11.2015 – “Lucian Blaga” University of Sibiu – Training program „Competence in learning” within POSDRU/157/1.3/S/135590 – field 1: Advanced scientific research (for Educational Sciences) / field 2: University didactics and psychopedagogy

#### ➤ Other courses, training, advanced training

- 1994 – „Gh. Asachi” Technical University of Iassy – Faculty of Electrotechnics – Course and exam in „Metrology – Certification: “Authorized metrologist”
- 1996 – „Gh. Asachi” Technical University of Iassy – Faculty of Electrotechnics – Courses in the field of Psychopedagogy and Methodology of Electrical engineering – received: the final didactic degree in pre-university education (field: Electrical engineering)
- February 2004 – “Ștefan cel Mare” University of Suceava – Organizer: CEDRAT – Course: „FLUX 2D”
- 21.09.2009÷25.09.2009 – “Ștefan cel Mare” University of Suceava – Organizer: IBM Romania – Course: „LINUX Power user”
- 12.03.2013 – Romania (Bucharest) – Organizer: State Office for Inventions and Trademarks (OSIM) – National public debate organized within the information campaign about intellectual property, carried out in the Romanian academic environment during 2011-2013, Bucharest – topic: “Technology transfer offices in Romanian universities, a strategy for stimulating, protecting and transferring technical creations to industry”
- 21.11.2013÷25.11.2013 – “Ștefan cel Mare” University of Suceava – Organizer: SIVECO Romania – Course: „Using the AeL eLearning platform and the ePortal portal”

#### ➤ Language courses (with certification)

##### English

- 2015÷2018 – “Ștefan cel Mare” University of Suceava – Synergia Linguarum Center for Foreign Languages and Cultures (CLCSSL) – Courses for obtaining certified language skills – English – level A2+ (pre-intermediar) / level B2+ (independent user) / level C1 (proficient user)
  - February 2015 ÷ May 2015 – level A2+ (pre-intermediar)
  - Februarie 2016 ÷ May 2016 – level B2+ (independent user)
  - March 2018 ÷ June 2018 – level C1 (proficient user)

##### Greek

- 2016÷2018 – Greece (Thessaloniki) – Aristotle University of Thessaloniki – School of Modern Greek Language – Courses for obtaining certified language skills – modern Greek
  - 11.01.2016÷24.02.2016 – level A2 (elementar user)
  - 22.08.2016÷16.09.2016 – level B1.1 (independent user)
  - 20.08.2018÷14.09.2018 – level B2 (independent user)

## TEACHING/TRAINING EXPERIENCE

### ➤ Teaching experience in highschool education

- 01.10.1994÷30.09.1996 – „Lațcu Vodă” Highschool of Siret – Position: professor-engineer in highschool education – Activity: teaching (subjects in the electrical field)
- 01.10.1994÷30.09.1996 – School group no.2 of Suceava – Position: professor-engineer in highschool education – Activity: teaching (subjects in the electrical field)

### ➤ Training experience in post-highschool education

- 2011÷ 2019 – Romania (Radauti) – SC EGGER Romania SRL Rădăuți – Training course for “Electrical Installation Technician” – Position: trainer/lecturer
  - 2011 (series 1)
  - April 2013 (series 2)
  - November 2015 (series 3)
  - April 2019 (series 4)
- December 2019 – Romania (Suceava) – SC AMBRO SA Suceava – Longlife education course: “Maintenance electricians” – Position: trainer/lecturer

### ➤ Teaching experience in higher education – Positions

- 01.10.1994÷to date – „Ștefan cel Mare” University of Suceava – Faculty of Electrical Engineering (and Computer Science) – Department of Electrotechnics
  - 01.10.1994÷07.02.1995 – university preparator (associate)
  - 07.02.1995÷01.10.1998 – university preparator
  - 01.10.1998÷01.10.2000 – university assistant
  - 01.10.2000÷01.10.2003 – lecturer
  - 01.10.2003÷prezent – associate professor

### ➤ Teaching experience in higher education – Erasmus/Erasmus+ internships

- 30.04.2012÷05.05.2012 – Turkey (Ankara) – Gazi University – Faculty of Engineering – Teaching internship (field: 523 – Electronic and Automation) – Position: lecturer
- 28.04.2014÷02.05.2014 – Greece (Chalkida) – Technological Education Institution (TEI) of Chalkida – Department of Electrical Engineering – Teaching internship (field: 522 – Electricity and Energy) – Position: lecturer
- 25.05.2015÷28.05.2015 – Greece (Sterea – Lamia) – Technological Education Institution (TEI) of Sterea Ellada – Teaching internship (field: 0713 – Electricity and Energy) – Position: lecturer– Position: lecturer
- 16.05.2016÷20.05.2016 – Portugal (Bragança) – Instituto Politécnico de Bragança – Teaching internship (field: 0713 – Electricity and Energy) – Position: lecturer
- 24.04.2017-28.04.2017 – Greece (Thessaloniki) – Aristotle University of Thessaloniki – Faculty of Engineering – School of Electrical and Computer Engineering – Department of Electrical Energy – Teaching internship (field: 0713 – Electricity and Energy) – Position: lecturer
- 06.05.2019-10.05.2019 – Poland (Kalisz) – The President Stanislaw Wojciechowski State University of Applied Sciences in Kalisz – Teaching internship (field: 0713 – Electricity and Energy) – Position: lecturer

### ➤ Training experience – POSDRU programs

- 01.05.2014÷30.10.2015 – “Valahia” University of Targoviste – Activity: training activities (practical applications and evaluation) within POSDRU 157/1.3/S/141587 (ProWeb) – subject: Multimedia/hypermedia technologies and applications for modern education – Position: trainer

### ➤ Expert – POCU programs

- November 2019 ÷ May 2021 – “Ștefan cel Mare” University of Suceava – Position: expert (developing teaching materials) within POCU/379/6/21 (ProForm), MySMIS code: 124981

### ➤ Training experience – POCU programs

- 28.09.2018÷30.11.2018 – Suceava Teaching Staff House – Training activities within POCU/73/6/6/ (DEDICAT), proiect code: 106266 – Subject: “Multimedia in education” – Position: trainer
- 01.11.2018÷31.12.2018 – Suceava Teaching Staff House – Training activities within POCU/73/6/6 (e-PROFI), proiect code: 107116 – Subject: “Multimedia in education” – Position: trainer
- October 2020 ÷ December 2020 – “Ștefan cel Mare” University of Suceava – Training activities within POCU/320/6/21/121030 – Subject “Multimedia technologies” – Position: trainer

### ➤ Training experience – other programs

- 2012÷2019 – Suceava Teaching Staff House – Training activities in different fields – Position: trainer

## SCIENTIFIC ACTIVITY

### ➤ Research internships

- 2011÷2013 – Greece (Thessaloniki) – Aristotle University of Thessaloniki – Faculty of Engineering – School of Electrical and Computer Engineering – Postdoctoral research internship within POSDRU/88/1.5/S/57083 (PRiDE) – Position: researcher – Research field: Electrical engineering – Research topic: Theoretical and experimental contributions regarding the improvement and extension of the area of applicability in the electrotechnical field of electromechanical and electrochemical actuators with liquid
  - 01.09.2011÷01.12.2011 – stage 1
  - 15.10.2012÷12.01.2013 – stage 2

### ➤ Publications

#### Didactic activity

Teaching support

- Course support 4
- Tutorials for seminars and laboratories 3

#### Professional activity

Books and chapters in specialty books

- Books with ISBN / Chapters – as author
  - International 1
  - National 13

#### Research activity

Extensive papers in WoS Thomson-Reuters journals (1), in WOS Thomson-Reuters indexed proceedings and WOS-Derwent patents

- WoS Thomson-Reuters rated Journals 5
- Proceedings indexed in WoS Thomson-Reuters 19
- WOS-Derwent patents 30

Papers in journals and volumes of scientific events indexed in other international databases (BDI) 37

Patents indexed in other data bases

- national
  - granted 13
  - patent applications >100

Grants / Projects won through national / international competition

- team member
  - nationale
    - MECT, CNCSIS grants 7
    - Contracts obtained within the National Plan for Research, Development and Innovation 8
    - Other national beneficiaries 12
    - Other contracts 3

### ➤ Member of professional commissions

- CNCSIS (National Council for Scientific Research in Higher Education) evaluator
- Commissions: tenure competitions; PHD presentations (thesys, papers, exams)

## MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS AND ASSOCIATIONS

1. 1995÷1999 – Member of the European Nuclear Society (ENS)
2. 1995÷1999 – Member of the Romanian Association „Nuclear Energy” (AREN)
3. 1996÷present - Member of the General Association of Romanian Engineers (AGIR)
  - 2001÷2005 – executive secretary of the Suceava AGIR subsidiary
  - 2006÷2009 – cashier of the Suceava AGIR subsidiary
  - 2006÷present – member of the AGIR Council (Bucharest)
  - 2010÷present – vice-president of the Suceava AGIR subsidiary

4. 1998÷1999 – Member of The Institute of Electrical and Electronics Engineers, Inc. (IEEE) New York – USA and the World Society of Instrumentation and Measurement Associations
5. 1998÷1999 – Member of The Institute of Electrical and Electronics Engineers, Inc. (IEEE) New York – USA și al World Society of Instrumentation and Measurement Associations
6. 1999÷2003 – Member of the Society for the Optimization of Energy Consumption in Romania (SOCER)
7. 1999÷present – Member of the Romanian Society of Automation and Technical Informatics (SRAIT)
8. 2000 ÷ present – Member of the Romanian Society of Inventors (SIR)
9. 2000 ÷ present - Member of the Cygnus Scientific Society
10. December 2002 ÷ present – Founding member of the Romanian Electrical Installations and Automation Company (SIEAR)
11. 30.01.2013 ÷ present – Member of the Romanian Coalition for Engineering Education (CREDING)

## FOREIGN LANGUAGES

English	Understanding	Listening	C1	Proficient user
		Reading	C1	Proficient user
	Speaking	Participate in conversations	C1	Proficient user
		Oral speech	C1	Proficient user
	Writing	Written expression	C1	Proficient user
	Certificate of Language Proficiency: level C1 (proficient user), issued by the Synergia Linguarium Center for Foreign Languages and Cultures within the "Ștefan cel Mare" University of Suceava			
Greek	Understanding	Listening	B2	Independent user
		Reading	B2	Independent user
	Speaking	Participate in conversations	B2	Independent user
		Oral speech	B2	Independent user
	Writing	Written expression	B2	Independent user
	Certificate of Language Proficiency: level: B2 (intermediar user) issued by the School of Modern Greek Language / Aristotle University of Thessaloniki, Greece			

## ADDITIONAL INFORMATION

### ➤ Technical skills

- according to the employment position

### ➤ Computer skills

#### self-assessment:

Processing information	Communication	Create content	Security	Solving problems
proficient user	proficient user	proficient user	basic user	basic user

- Office (Word, Excel, PowerPoint, OneNote, Publisher, Office Picture Manager, Outlook)
- Mathematical computing programs: MatLab, MatCad
- Programming: C, C++, Visual C
- Data base: Acces, FoxPro, MySQL
- Graphic applications: Visual Basic
- Simulation: EWB/Multisim, LabVIEW
- Computer aided design: Flux2D/3D, Comsol Multiphysics
- Multimedia skills: creating/processing files (image/audio/video); creating electronic books; web applications; audio/video conferences, s.o.

### ➤ Organizational skills

### ➤ Social skills