



Curriculum vitae Europass

Personal information

First name(s) / Surname(s) **Marius Ovidiu, Neamtu**

E-mail oneamtu@uoradea.ro

Work experience

Dates	2003 – present
Occupation or position held	Associate Professor
Main activities and responsibilities	Power Electronic Converters, Computer Architecture, Software in Electronics, Digital Integrated Circuits, Integrated Digital Network.
Name and address of employer	University of Oradea, Faculty of Electrical Engineering and Information Technology , Department of Electronics and Telecommunications, 1 University Street, B223, Oradea, 410087, Bihor
Type of business or sector	Higher Education
Dates	1996 - 2003
Occupation or position held	Lecturer
Main activities and responsibilities	Power Electronic Converters, Computer Architecture, Digital Integrated Circuits.
Name and address of employer	University of Oradea, 1 University Street, Oradea, 410087, Bihor.
Type of business or sector	Higher Education
Dates	1987 - 1996
Occupation or position held	Engineer
Main activities and responsibilities	Research activities and creation of new products in the field of Electronics, Automation, Unconventional Technologies and Home Appliances.
Name and address of employer	Metalica, Oradea, ROMANIA
Type of business or sector	Industry

Education and training

Dates	January 2012 - February 2012
Diploma obtained	Trainer in the program POSDRU/87/1.3/S/60891, Cluj-Napoca. UNIVERSITY SCHOOL FOR INITIAL AND CONTINUOUS TRAINING OF TEACHERS AND TRAINERS IN THE FIELD OF TECHNICAL AND ENGINEERING SPECIALIZATIONS
Field	TECHNICAL AND ENGINEERING
Name and type of organisation providing education and training	Technical University of Cluj-Napoca
Level in national or international classification	ISCED 6

Dates	November 2010 - December 2010
Diploma obtained	"Management of tertiary activities", organized within the strategic project "Improving University Management" UEFISCDI, Timisoara.
Field	University Management
Name and type of organisation providing education and training	Politehnica University Timisoara
Level in national or international classification	ISCED 6
Dates	2008 – 2009
Diploma obtained	Master's degree - teacher training
Field	Education Sciences
The title of the dissertation thesis	The psychological impact of the Internet on students
Numele și tipul instituției de învățământ	University of Oradea, Department for Training and Development Teaching Staff.
Level in national or international classification	ISCED 5
Dates	2001-2002
Diploma obtained	Doctor's degree in engineering sciences
Field	Electronics and Telecommunications
The title of the doctoral thesis	<i>Contribution on theoretical and experimental study of power supply systems for the alternative current motor</i>
Numele și tipul instituției de învățământ	University of Pitești
Dates	1995-2001
Diploma obtained	PhD student, 1 French exam / very good, 3 exams / grades: 9,10,9; 2 papers / very good.
Field	Electronics and Telecommunications
Name and type of organisation providing education and training	University Politehnica Timișoara.
Level in national or international classification	ISCED 6
Dates	1982-1987
Diploma obtained	Engineer degree
Field	Electronics and Telecommunications
Name and type of organisation providing education and training	Polytechnic Institute of Cluj-Napoca
Level in national or international classification	ISCED 5
Dates	1977 - 1981
Diploma obtained	Baccalaureate
Field	Mathematics - Physics
Name and type of organisation providing education and training	„Andrei Mureșanu” National College from Dej, Jud. Cluj.
Level in national or international classification	ISCED 3-4

Personal skills and competences

Mother tongue(s) **Romanian language**

Other language(s)

Self-assessment

European level (*)

Understanding

Listening

Reading

Speaking

Participating
in conversation

in Oral speech

Writing

Written expression

English language

B1

B1

B2

B2

B2

French language

B1

B1

B2

B2

B2

Organisational skills and competences

2020 – Present

Vice-Dean Electrical Engineering and Information Technology Faculty

2013 – 2019

Director of the Research Center for *Design and Research in the Field of Renewable Energies* of the University of Oradea,

2009 - 2019

Responsible for educational quality from the Department of Electronics and Telecommunications

2000 – 2008

member of the office of the Department of Electronics

Competențe și aptitudini tehnice

Power Electronic Converters, Computer Architecture, Software in Electronics, Digital Integrated Circuits, Integrated Digital Network.

Software: MATLAB, ORCAD, SPICE, LABVIEW, MULTISIM, PLC–SIEMENS, PLC-Rockwell Automation, WebCoder;

Other skills and competences

Areas of competence are: Power Electronic Converters, Computer Architecture, Software in Electronics, Digital Integrated Circuits, Digital Signal Processor, PLC *Programmable Logic Controller*, Integrated Digital Network. In these areas of competences, I have published 72 scientific papers, of which: 38 published in specialized magazines, 29 in the volumes of the international conferences, 5 in national conference volumes. To these we can add 19 communicated papers and 5 books in recognized publishing houses. I was a member of research teams for 31 scientific research contracts, of which for 13 of them he was project manager.

Expert evaluator: UEFISCDI 2019 – 2020

ANCS 2007 – 2010

Significant recent work

1. Neamtu, Ovidiu Marius, Gordan, Cornelia Emilia, Gordan, Ioan Mircea, A Computer Control for Electronics Actions of Smart Voice Interactive Devices, 16th International Conference on Engineering of Modern Electric Systems (EMES), ISBN 978-1-6654-4995-3, pp. 138–141, 2021.

WOS:000855847300035

2. Marius Ovidiu Neamtu, Mugur Balan, Dorin Petreus, Teodor Leuca, Trip Nistor Daniel, Consideration on a Geothermal Electric Power Generator Based on Organic Rankine Cycle as a Part of a Smart Grid, Rev. Roum. Sci. Techn.– Électrotechn. et Énerg. Vol. 62, 4, pp. 431–435, 2017.

WOS:000423499900016

3. Neamtu Marius Ovidiu, Trip Nistor Daniel, Adrian Burca, Low Power Renewable Energy System used for Power Back-up Applications, 2017 IEEE 23rd International Symposium for Design and Technology in Electronic Packaging (SIITME), 2017.

WOS:000428032300051

4. Neamtu Marius Ovidiu, Trip Nistor Daniel An Photovoltaic System Tester with Three-Phase Off-Grid Supply Simulation testing with real-equivalent parameters or photovoltaic panels and electronic converter, 22nd International Symposium for Design and Technology in Electronic Packaging (SIITME), ISBN 978-1-5090-4445-0, 2016 IEEE, pp.191-194.

WOS:000390557400040

5. Marius Ovidiu Neamtu, Nistor Daniel Trip, Geothermal Generator for Grid Greenhouse. Electrical Power Generator for Supplying Microgrid, The 18th International Conference on ELECTRICAL DRIVES and POWER ELECTRONICS, EDPE 2015, pp. 173-176

WOS:000380458300031

- Expert 1. Management system of energy from renewable sources in small isolated communities, *REMSIS*, UEFISCDI PN-II-PT-PCCA-2013-4, developed during 2014-2017.
http://remsis.utcluj.ro/?page_id=72
2. Advanced ground source heat pump systems for heating and cooling in Mediterranean climate, Contract No: TREN/FP7EN/218895/"GROUND-MED", 2010-2013.
www.groundmed.eu
3. Proiect POSDRU/87/1.3/S/60891 UNIVERSITY SCHOOL FOR INITIAL AND CONTINUOUS TRAINING OF TEACHERS AND TRAINERS IN THE FIELD OF TECHNICAL AND ENGINEERING SPECIALIZATIONSti - DidaTec" 2011-2012,
www.didatec.utcluj.ro
4. REGENERG HU-RO/0802/083 Contributions to the efficient use of renewable energies in Bihor and Hajdú-Biha counties, 2011-2012.
www.regenerg.ro
5. EPRAS HURO/0901/028 E-Laboratory practical teaching for applied engineering sciences, 2011-2012.
<http://epras.webhost.uroadea.ro/partners.html>

Oradea,
10.12.2022

Ovidiu Marius Neamțu