



Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **Elena - Daniela LUPU**
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Nationality romanian
Date of birth 13.06.1981
Gender Female

Desired employment / Occupational field

Work experience

Dates	October 2012 -onwards
Occupation or position held	Lecturer PhD. Eng.
Main activities and responsibilities	Teaching and research activities, teaching applications (lab, project) in the subjects: "Electrical materials", "Electrical Machines I and II", "CAD in Electrical Engineering", "Electromagnetic field analysis in electromechanical converters".
Name and address of employer	Ștefan cel Mare University ,13, Universitatii, , 720229 Suceava, ROMANIA
Type of business or sector	Education, Higher Education
Dates	February 2009 - October 2012
Occupation or position held	Assistant
Main activities and responsibilities	Teaching and research activities, teaching applications (lab project) in the subjects: "Electrical materials", "Electrical Machines I", "Electromechanical Converters II".
Name and address of employer	Ștefan cel Mare University ,13, Universitatii, , 720229 Suceava, ROMANIA
Type of business or sector	Education, Higher Education
Dates	May 2009 onwards
Occupation or position held	Industrial property attorney-Patents
Main activities and responsibilities	Professional assistance and representation in industrial property Ștefan cel Mare University Suceava in the State Office for Inventions and Trademarks, as well as to third parties in proceedings governed.
Name and address of employer	Ștefan cel Mare University ,13, Universitatii, , 720229 Suceava, ROMANIA
Type of business or sector	Consulting
Dates	October 2008 ÷ February 2009

Occupation or position held	design engineer
Main activities and responsibilities	Consulting, design, construction documents for design projects SPF, SF, PAC, PT + CS, DDE
Name and address of employer	S.C. DavCom Proiect S.R.L, 4, Tipografiei, Suceava, România
Type of business or sector	Consulting, design
Dates	October 2005 - October 2008
Occupation or position held	associate professor
Main activities and responsibilities	Teaching and research activities, teaching applications (lab project) in the subjects: "Electrical materials", "Electrical Machines I", "Electromechanical Converters II".
Name and address of employer	Ștefan cel Mare University ,13, Universitatii, , 720229 Suceava, ROMANIA,
Type of business or sector	Education, Higher Education
Education and training	
Dates	2005-2010
Title of qualification awarded	PhD
Principal subjects/occupational skills covered	Thesis Title: <i>Theoretical and experimental contributions for optimization operation of the transformers for continuous load adjustment of voltage</i> / Electrical Engineering / Electrical Machines
Name and type of organisation providing education and training	Ștefan cel Mare University , Suceava, ROMANIA
Level in national or international classification	ISCED 6
Dates	2008 ÷ 2010
Title of qualification awarded	master's degree in modern systems for control of energetic processes
Principal subjects/occupational skills covered	Managemet of energy projects, energy impact of buildings, techniques for monitoring power quality, Modern systems of energy conversion
Name and type of organisation providing education and training	Ștefan cel Mare University , Suceava, ROMANIA
Level in national or international classification	ISCED 6
Dates	2008 ÷ 2010
Title of qualification awarded	master's degree in electrical machines and drives
Principal subjects/occupational skills covered	Field calculation in electromechanical converters, modeling and control robots, PLC systems / configuration and implementation of control systems for electrical drives, microsystems and PLC programming, CAD, carrying out the functions of monitoring and diagnostics systems
Name and type of organisation providing education and training	Ștefan cel Mare University , Suceava, ROMANIA
Level in national or international classification	ISCED 6
Dates	2000-2005
Title of qualification awarded	Bachelor of <i>Electrical Engineering and Computer Science</i>
Principal subjects/occupational skills covered	Fundamentals of electronics, electrical machines, electrical measurements,
Name and type of organisation providing education and training	Ștefan cel Mare University , Suceava, ROMANIA
Level in national or international classification	ISCED5
Dates	Mai 2011
Title of qualification awarded	training course in academic management - Management of tertiary activities
Principal subjects/occupational skills covered	Specialist assistance in tertiary activities carried out by university

Name and type of organisation providing education and training | UEFISCDI

Dates | April 2009

Title of qualification awarded | Industrial property attorney-Patents

Principal subjects/occupational skills covered | Professional assistance and representation in industrial property.

Name and type of organisation providing education and training | State Office for Inventions and Trademarks

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			
C1	Proficient user	C1	Proficient user	B2	Independent user	B2	Independent user	B2	Independent user
B1	Basic user	B1	Basic user	A2	Basic user	A2	Basic user	A2	Basic user

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

Social skills and competences | Social skills and competences

Organisational skills and competences | Formed and developed good organizational capacity in studies, training and professional development.

Technical skills and competences | Researcher at the Research Center Machines, Drives and Apparatus - EMAD center of B type, accredited CNCSIS ; skills using advanced technologies, technological equipment, electrical machinery, materials and consulting studies last hours of specialized publications

Computer skills and competences | Operating in MS Office programs (Word, Excel, Access and PowerPoint) - writing, editing, building and maintaining databases;
Usability of software: LabView, Mathematica, Matlab, Mathcad, Flux 2D;
Graphics applications: AutoCAD, ACDSsee Photo Editor, Corel Designer Technical Suite, Micrografx design.)

Annexes

Lecturer, Eng. **LUPU Elena-Daniela** <https://www.brainmap.ro/elena-daniela-lupu> * has a PhD in electrical engineering field with a theme from electrical transformers domain (Theoretical and experimental contributions for optimization operation of the transformers for continuous load adjustment of voltage) and has scientific research in electromagnetic field calculus for optimal design of electrical machines and unconventional actuators and consulting activities regarding the preparation of regular national filing for an invention, and consulting activity in the field of industrial property protection, since 2009 it is industrial property attorney, OSIM authorized, for field of patents. Research carried till now have been materialized in: more than 30 scientific papers published in journals and conference proceedings, 2 books, more than 120 patent requests of which 75 were already patented, who attended in international exhibitions of inventions such as Geneva, Brussels, Chisinau, Bucharest, Cluj, Iasi, etc. where he obtained 20 medals and awards (13 gold medals, 5 silver medals and 2 bronze medals). Also, worked as researcher in 6 national and international research grants. She scientific research included: thermal and electromagnetic field calculus, design, the theoretic and experimental study of electromagnetic field propagation has been applied for optimal design of electrical machines and unconventional actuators.