



Curriculum Vitae Europass

Personal Information

First name, Surname **ANDRAS ANDREI**

Phone

Scientific profiles **ORCID: [0000-0003-2489-2552](https://orcid.org/0000-0003-2489-2552) | Scopus ID: 57211792569 | ResearcherID: [X-4211-2019](https://orcid.org/X-4211-2019)**

E-mail **andrei.andras@gmail.com / andreiandras@upet.ro**

Nationality **Hungarian, Romanian citizen**

Gender **Male**

Position / Business sector **Full University Professor / Higher education, research**

Work Experience

Period **November 2022 → present**

Position **Vice-dean** at the Faculty of Mechanical and Electrical Engineering

Activities and responsibilities Academic management and coordination of the educational activities at the bachelor's and master's study programmes within the Faculty, responsible for student issues, other specific activities

Employer's name and address University of Petrosani, 20 Universitatii str., 332006 Petrosani (Romania)

Business or sector of activity Management in Higher education

Period **October 2020 → present**

Position **Associate Professor**

Activities and responsibilities Higher education (lectures, seminars, applications, graduation project coordination) and scientific research

Employer's name and address University of Petrosani, 20 Universitatii str., 332006 Petrosani (Romania)

Business or sector of activity Higher education, teaching, research

Period **October 2017 → October 2022**

Position **Head of the press and image department**

Activities and responsibilities Coordination of relations with media and public; Coordination and supervision of advertising material, press releases, informations and replies, organization of press conferences; Media monitoring;

Employer's name and address University of Petrosani, 20 Universitatii str., 332006 Petrosani (Romania)

Business or sector of activity Mass-media and public relations coordination.

Period **October 2012 → September 2020**

Position **Senior Lecturer**

Activities and responsibilities Higher education (lectures, seminars, applications, graduation project coordination) and scientific research

Employer's name and address University of Petrosani, 20 Universitatii str., 332006 Petrosani (Romania)

Business or sector of activity Higher education, teaching, research

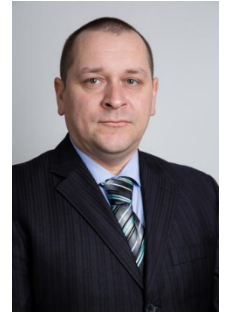
Period **March 2007 → September 2012**

Position **Assistant professor**

Activities and responsibilities Applications and seminary supervision and scientific research

Employer's name and address University of Petrosani, 20 Universitatii str., 332006 Petrosani (Romania)

Business or sector of activity Higher education, teaching, research



Period November 2005 – February 2007
Position CTO, Partner in LLC
 Activities and responsibilities Coordination of printing and production of advertising material. Supervising and maintenance of equipment and machinery.
 Employer's name and address NOVIAN Advertising, 80 Republicii str., Petrosani (Romania)
 Business or sector of activity Print-house, Advertising production facility.

Period November 2001- October 2005
Position Ph.D. Student, Fellow
 Activities and responsibilities Research and elaboration of PhD Thesis, Assisting the professor during teaching
 Employer's name and address University of Petrosani, 20 Universitatii str., 332006 Petrosani (Romania)
 Business or sector of activity Higher education, teaching, research

Period May 1998 – October 2001
Position System Engineer
 Activities and responsibilities Maintenance, service, configuration of hardware and network equipment, installing and maintenance of software.
 Employer's name and address NOVIAN Advertising, 80 Republicii str., Petrosani (Romania)
 Business or sector of activity Print-house, Advertising production facility.

Education and training

Period 2022 – 2023
Qualifications awarded Certificate of Habilitation in the Mines, Oil, and Gases doctoral field (MEC Order no. 4000/20.04.2023) / Doctoral supervisor affiliated with IOSUD-UP
Subjects covered, skills and competences acquired Mines, Oil, and Gases / Doctoral supervisor
Education or training organisation University of Petrosani / IOSUD – Doctoral School
Address 20 Universitatii str., 332006 Petrosani (Romania)

Period 2009 - 2013
Qualifications awarded B. Sc. In Traffic and Transportation Engineering
Subjects covered, skills and competences acquired Vehicle Dynamics, GIS/GPS Systems, Multimodal Transportation, Traffic Simulation and Analysis, Logistics and transportation / Higher education in engineering
Education or training organisation University of Petrosani
Address 20 Universitatii str., 332006 Petrosani (Romania)
ISCED Level Level 6 (ISCED 2011)

Period 2013
Qualifications awarded Graduation Certificate
Skills and competences acquired Training and awareness program in quality assurance in Distance Learning - DL
Education or training organisation Universitatea Spiru Haret, Academia comercială Satu Mare, TUV Austria

Period 2013
Qualifications awarded Diploma
Skills and competences acquired Quality management in higher education
Education or training organisation Universitatea Spiru Haret, Academia comercială Satu Mare, TUV Austria, TEHNE – Centrul pentru Dezvoltare și Inovare în Educație

Period 2012
Qualifications awarded Graduation certificate
Skills and competences acquired Text and image processing operator (COR 413203)

Education or training organisation	SC Memory SRL
Address	Hunedoara
<u>Period</u>	<u>2007 – 2008</u>
Qualifications awarded	Graduation certificate
Skills and competences acquired	Postgraduate course - Level I certification for the teaching profession
Education or training organisation	University of Petrosani
Address	20 Universitatii str., 332006 Petrosani (Romania)
<u>Period</u>	<u>2001 - 2005</u>
Qualifications awarded	Ph. D. in Engineering (Mines, Oil, and Gases)
Skills and competences acquired	Advanced competences in Mines, Oil, and Gases
Education or training organisation	University of Petrosani
Address	20 Universitatii str., 332006 Petrosani (Romania)
ISCED Level	Level 8 (ISCED 2011)
<u>Period</u>	<u>1996 - 2001</u>
Qualifications awarded	M. Sc. In Automatics and Industrial Informatics, Computer and Systems Science Engineering
Subjects covered, skills and competences acquired	Computer Programming, Automatics, Microcontrollers and microprocessors, Hardware engineering, Simulation and Modelling / Higher education in engineering
Education or training organisation	University of Petrosani
Address	20 Universitatii str., 332006 Petrosani (Romania)
ISCED Level	Level 7 (ISCED 2011)
<u>Period</u>	<u>1992 - 1996</u>
Qualifications awarded	Baccalaureate diploma, Profesional certificate of computer operator and assistant programmer
Skills and competences acquired	Mathematics, Physics, IT, Programming
Education or training organisation	High School of Informatics in Petrosani
Address	20 Slatinoara str, Petrosani (Romania)
ISCED Level	Level 3 (ISCED 2011)

PERSONAL SKILLS

Mother tongue **Hungarian**

Other Language(s)

Self assessed / European level ()*

English

French

Understanding				Speaking				Writing	
Listening		Reading		Spoken Interaction		Spoken Production			
C2	Proficient User	C2	Proficient User	C2	Proficient User	C2	Proficient User	C2	Proficient User
B1	Independent user	B1	Independent User	B1	Independent User	A2	Basic User	A2	Basic User

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

Social and communication skills	Ability to adapt to multicultural environments. Creativity. Ability to work in a team.
Organisational and managerial skills	Experience in private management. Experience in project management. Ability to work under stress. Punctuality. Good organizer. High capacity for analysis and synthesis. Distributive and detailed attention.
Technical skills and competences	A good knowledge of industrial processes through the practice of production, design, research, teaching
IT Skills and competences	Proficient computer user (Office, configurations, internet, E-learning tools) CAD (Autocad, SolidWorks, Catia) Graphics (Adobe, Corel) Mathematical (Mathcad, Matlab)

Other skills and hobbies

Simulation and modelling (Rockwell Arena, VCrash, Simulink)

Driver's Licence

Sports, reading, arts.

Category B since 1998

Additional information / Scientific activity

Books:

Books and manuals published in recognized national publishing houses: 12 (5 as sole author)

Books published in publishing houses abroad: 1

Scientific papers:

Indexed WoS: 20

Indexed in other International Data Bases / B+: 68

Grants / projects / Contracts

Director / Head of research:

3 (of which 1 POC type, 1 ERANET type)

Member of the research team:

2 international grants.

6 national grants.

8 projects / contracts with commercial partners.

Prizes and awards:

Awards of the research results: 6 PRECISI awards

Member of professional associations / societies:

5 national (AGIR, ARMR, EMT, ALUMNI, ACM-V)

3 international (BÁNYAGÉPÉSZET A MŰSZAKI FEJLŐDÉSÉRT ALAPÍTVÁNY, IAENG Society of Industrial Engineering, IAENG Society of Mechanical Engineering).

Other activities:

Reviewer of 7 WoS journals and multiple BDI magazines and International Conferences

Guest Editor Machines Special Issue "Motion Optimization of Mechanical Structures" Q2

Deputy Editor Annals Of The University Of Petrosani, Mechanical Engineering (from 2016)

Editor Secretary Annals Of The University Of Petrosani, Mechanical Engineering, (2012-2016)

Managing Editor, Revista Minelor Magazine / Mining Revue, (B+ / Sciendo) (from 2020)

Date of completion: May, 2023

Signature