



## Europass Curriculum Vitae

### Personal information

First name(s) / Surname(s) **Sanda Dale**  
Address(es) 1<sup>st</sup> Universit ii Street, E112.  
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E-mail [sdale@uoradea.ro](mailto:sdale@uoradea.ro)  
Nationality Romanian  
Gender F

### Work experience

Dates 2002 onwards  
Occupation or position held Lecturer  
Main activities and responsibilities Academic and research activities – automatics, at bachelor and master degree  
Name and address of employer University of Oradea, Automatic Systems Department, 1 Universit ii Street, 410087, Oradea, ROMÂNIA, [www.uoradea.ro](http://www.uoradea.ro)  
Type of business or sector Education

Dates 1998-2002  
Occupation or position held Univ. assistant  
Main activities and responsibilities Academic and research activities – automatics, at bachelor degree  
Name and address of employer University of Oradea, Automatic Systems Department, 1 Universit ii Street, 410087, Oradea, ROMÂNIA, [www.uoradea.ro](http://www.uoradea.ro)  
Type of business or sector Education

Dates 1996-1998  
Occupation or position held Univ. assistant (beginner)  
Main activities and responsibilities Academic and research activities – automatics, at bachelor degree  
Name and address of employer University of Oradea, Automatic Systems Department, 1 Universit ii Street, 410087, Oradea, ROMÂNIA, [www.uoradea.ro](http://www.uoradea.ro)  
Type of business or sector Education

### Education and training

Dates 1998-2006  
Title of qualification awarded PhD Diploma in Automatics  
Principal subjects/occupational skills covered Thesis title: "Contributions on control systems with interpolative-type controllers"  
Name and type of organisation providing education and training Politehnica University Timi oara, Faculty of Automation and Computers, Timi oara, ROMÂNIA, [www.upt.ro](http://www.upt.ro)  
Level in national or international classification ISCED, level 6

Dates 1997-1998

Title of qualification awarded Master diploma in Advanced Informational Systems

Principal subjects/occupational skills covered

- Intelligent control techniques – Fuzzy systems
- Interpolative control based on rules
- Reliability on Computers
- Neural Computing

Name and type of organisation University of Oradea, Faculty of Electrical Engineering, Oradea, ROMÂNIA, [www.uoradea.ro](http://www.uoradea.ro)

Level in national or international classification ISCED, level 6

Dates 1992-1996

Title of qualification awarded Bachelor Diploma in Engineering (Automatics and Applied Informatics)

Principal subjects/occupational skills covered

- Automatic Process Control
- Robotics
- Reliability of Computer-Controlled Systems
- Modelling and Simulation
- Experimental Identification
- Integrated Manufacturing

Name and type of organisation University of Oradea, Faculty of Electrical Engineering, Oradea, ROMÂNIA, [www.uoradea.ro](http://www.uoradea.ro)

Level in national or international classification ISCED, level 5

**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	C2	Proficient user	B2	Independent user	B1	Independent user	C1	Proficient user
B1	Independent user	B2	Independent user	A2	Basic user	A2	Basic user	B1	Independent user

(\*) [Common European Framework of Reference for Languages](http://www.cerl.eu)

Research, projects, publications

- Project manager for “The effect of radio-frequency radiations on individuals – study on adults and children”, developed in partnership with Forschungsring Institute (Darmstadt, GE)
- Member in research project founded by Romanian Ministry of Education: “Research on developing, designing and implementation of intelligent mechatronic systems”
- Member in research team for the geothermal power plant at University of Oradea
- Member in European project - human resources development area - “Learn automatics!”, dedicated to students in senior years at Automatics and Applied Informatics section of University of Oradea, Technical University Cluj-Napoca, University “Dunrea de Jos” Galați, “Transilvania” University of Brașov, University of Craiova.
- Project Evaluator Expert for Bulgarian National Found of Science
- Reviewer for Romanian scientific journals (Journal of Computer Science and Control Systems, Journal of Electrical and Electronics Engineering, Scientific Bulletin of UP Timișoara)
- Publications: - author and co-author of 5 books and over 70 scientific paper in automatic control and robotics area
- President of SRAIT (Romanian IT Society) and President of SRAIT - Oradea Branch
- Member of IGA (International Geothermal Association)

Organisational skills and competences

- Departmental coordinator (from the Romanian side) for ERASMUS mobility programme, at HAMK University - Finland, from 2008.
- Departmental coordinator (from the Romanian side) for ERASMUS mobility programme, at UPPA University - France, from 2013.
- Departmental coordinator (from the Romanian side) for ERASMUS mobility programme, at UTAD University - Portugal, from 2014.

Technical skills and competences

Experience in design, implementation and installation of electric floor-heating systems, boilers, radiators based on carbon-fibre, developed as an expert counsellor for THERMALTECHNOLOGY Ltd., Oradea, ROMÂNIA

Computer skills and competences

MATLAB-SIMULINK, C++, Microsoft Office.

06.12.2022