


## PERSONAL INFORMATION

**Șova Daniela**

 Universității Str. nr. 1, 500068 Brașov, Romania



 sova.d@unibv.ro

## FIELD OF ACTIVITY

Academic education

## WORK EXPERIENCE

2001-present

**Associate professor**

Transilvania University of Brașov, B-dul Eroilor nr. 29, 500036 Brașov, <http://www.unitbv.ro>, Faculty of Mechanical Engineering/Department of Mechanical Engineering

- Academic and research activities in the field of Technical Thermodynamics
- Coordination of the master program Simulation and testing in Mechanical Engineering (2013-2017)
- Coordination of the Erasmus+ program at the Faculty of Mechanical Engineering (2010-2021)

1998-2001

**Lecturer**

Transilvania University of Brașov, B-dul Eroilor nr. 29, 500036 Brașov, <http://www.unitbv.ro>, Faculty of Mechanical Engineering /Department of Thermodynamics and Fluid Mechanics

- Academic and research activities in the field of Technical Thermodynamics

1991-1998

**Assistant**

Transilvania University of Brașov, B-dul Eroilor nr. 29, 500036 Brașov, <http://www.unitbv.ro>, Faculty of Mechanical Engineering /Department of Thermodynamics and Fluid Mechanics

- Academic and research activities in the field of Technical Thermodynamics

1990-1991

**Technological engineer**

Furniture enterprise Măgura, Codlea, Brașov, Department of mechanical processing

- Coordination of primary wood processing activities

1987-1990

**Technological engineer and task dispatcher**

Woodworking enterprise Târgu Mureș, Furniture manufacturing department

- Coordination of technological and dispatching activities
- Lecturer of refresher and training courses in the field of wood processing

## EDUCATION AND TRAINING

- 8-18.06.2009      **Specialization: Advanced wood drying courses**  
Centre for Advanced Wood Processing, Forest Sciences Centre, University of British Columbia, Vancouver, Canada
- quality monitoring and control, kiln performance optimization including airflow analysis, grade optimization, development of modified and customized drying schedules for specific species and end-user applications, control strategies
- 8-15.06.2007      **Postgraduate course: Interactive methods for teaching-learning-evaluation process**  
Transilvania University of Braşov
- learning, teaching and assessment skills
  - techniques of communication, problem-based learning, project-based learning, development of final paper
- 4-10.09.2006      **Specialization: Customized training in thermal, hydraulic and transport energy management for companies needs**  
Forschungs- und Transferzentrum e.V an der Westsaechsischen Hochschule, Zwickau, Germania
- critical analysis and decision on training system structure, ability to elaborate curricula according to different difficulty degree and companies demands, management of training meetings
  - German long life learning system and education system, German research system and networking with academic system
- 1991-1999      **Doctoral studies, EQF 8**  
Transilvania University of Braşov
- Doctor's degree diploma in Technics, specialization: Thermal Machines and Equipment
  - Contributions to the heat and mass transfer during thermal treatments of fiberboards
- 1982-1987      **University studies, EQF 6**  
University of Braşov/Faculty of Wood Engineering
- Enginerr ( Diploma of merit)

---

**PERSONAL SKILLS**

Mother tongue(s) Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
	Certificate of linguistic competence-English language – Medium level 2 (Transilvania University of Braşov, Centre for Modern Languages Learning)				
	Certificate-Teacher training in English for vocational purposes, British Council Bucharest				
German	B2	B2	B2	B2	B2

Organisational/managerial skills

Managerial skills:

- Erasmus+ program coordinator at the Faculty of Mechanical Engineering (2010-2021)
- project coordinator CNCIS PN II – ID – PCE - 2008, nr. 723/2009: The application of the method of irreversible processes thermodynamics for the optimization of the drying process of capillary-porous materials
- scientific secretary of the Department of Thermodynamics and Fluid Mechanics (2001-2004)

Computer skills

- a good knowledge of Microsoft Office™ tools
- user of MATLAB, ORIGINLAB, DESIGN-EXPERT programs

ADDITIONAL INFORMATION

Affiliations

- member of the Romanian Society of Thermodynamics Professionals (since 1993)