

## Europass Curriculum Vitae



### Personal information

**Surname(s) / First name(s)** **Mândru, Silviu Dan**

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**Nationality** Romanian

**Date of birth** 03 June 1962

**Gender** Male

### Occupational field **Higher Education**

#### Work experience

<b>Dates</b>	2004-present
<b>Occupation or position held</b>	Professor, PhD Adviser, Faculty of Mechanical Engineering
<b>Main activities and responsibilities</b>	Courses, seminars, project activities, (students in the III-IV years of study, Master), in Biomechatronics, Rehabilitation Engineering, Biomechanics, Actuators, Peripheral Equipment, diploma works and research activity in: rehabilitation engineering, drive systems, assistive technology
<b>Name and address of employer</b>	TECHNICAL UNIVERSITY OF CLUJ-NAPOCA (TUC-N) Str. Memorandumului nr. 28, 400114, Cluj-Napoca, ROMANIA
<b>Type of business or sector</b>	Education
<b>Dates</b>	2001-2004
<b>Occupation or position held</b>	Senior Lecturer (Associated Professor) Faculty of Mechanical Engineering
<b>Main activities and responsibilities</b>	Courses, seminars, design activities, diploma works (students in the III-V years of study, Master)
<b>Name and address of employer</b>	TECHNICAL UNIVERSITY OF CLUJ-NAPOCA (TUC-N) Str. Memorandumului nr. 28, 400114, Cluj-Napoca, ROMANIA
<b>Type of business or sector</b>	Education
<b>Dates</b>	1994-2001
<b>Occupation or position held</b>	Lecturer Faculty of Mechanical Engineering
<b>Main activities and responsibilities</b>	Courses, seminars, design activities, diploma works (students in the III, IV and V years of study)

Name and address of employer TECHNICAL UNIVERSITY OF CLUJ-NAPOCA (TUC-N)  
Str. Memorandumului nr. 28, 400114, Cluj-Napoca, ROMANIA

Type of business or sector Education

Dates 1991-1994

Occupation or position held Assistant  
Faculty of Mechanical Engineering

Main activities and responsibilities Seminars, design activities, diploma works

Name and address of employer TECHNICAL UNIVERSITY OF CLUJ-NAPOCA (TUC-N)  
Str. Memorandumului nr. 28, 400114, Cluj-Napoca, ROMANIA

Type of business or sector Education

Dates 1987-1991

Occupation or position held Mechanical Engineer

Main activities and responsibilities Designing technological processes

Name and address of employer Machine Tools and Accessories Factory – RAMIRA, 160, V. Lucaciu Street, Baia-Mare, ROMANIA

Type of business or sector Industry

### Education and training

Dates 1999

Title of qualification awarded Ph. D.

Principal subjects/occupational skills covered Engineering sciences - Mechanical engineering  
PhD thesis title: Researches regarding the optimization of the mechanisms for upper limb prosthesis

Name and type of organisation providing education and training TECHNICAL UNIVERSITY OF CLUJ-NAPOCA (TUC-N)  
Str. Memorandumului nr. 28, 400114, Cluj-Napoca, ROMANIA

Dates 1982-1987

Title of qualification awarded Mechanical Engineer Degree

Principal subjects/occupational skills covered Mechanical engineering

Name and type of organisation providing education and training POLYTECHNIC INSTITUTE OF BUCHAREST (Nowadays: "POLITEHNICA" UNIVERSITY OF BUCHAREST", 313, Splaiul Independenței, Sector 6, Bucharest, ROMANIA

### Personal skills and competences

Mother tongue(s) **Romanian**

Other language(s)

Self-assessment  
*European level (\*)*

**English**

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B1	Medium user	B2	Medium user	B1	Medium user	A2	Beginner	B1	Medium user

(\*) *Common European Framework of Reference for Languages*

Social skills and competences

Good communication and team work abilities, due to the activity within the university, as coordinator of teams of students, researchers, and experts; international experience acquired through the professional visits abroad (Spain, France, Denmark, Italy, Germany, Hungary, Finland and China).

Organisational skills and competences

Coordinator of several research projects; Member of the staff or coordinator of several international projects and grants (World Bank, Tempus, Leonardo, Erasmus); Vice-dean between 2001 and 2004; Dean of the Faculty of Mechanical Engineering 2012-2016, Vice-rector with International Relations from 2016. Since 2000 - Coordinator of the Biomechatronics and Drives Laboratory.

Computer skills and competences

- good command of Microsoft Office™ tools (Word™, Excel™, PowerPoint™ and Photo Editor™), acquired through work;

**Additional information**

Published books and chapters: 15

Published papers in ISI journals, SCI journals, national and international conferences and congresses: over 200 (47 papers indexed in Web of Sciences)

National and international research contracts: 20 ; Research project co-ordinator: 6, Patents: 1

**Member of the following scientific societies:** Romanian Society of Medical Engineering and Biological Technology ; Romanian Association of the Theory of Machines and Mechanisms ; Romanian Association of Robotics; Romanian Society of Mechatronics.

Signature

01.02.2017