

## Europass Curriculum Vitae



### Personal information

**Surname(s) / First name(s)** **Mândru, Silviu Dan**  
**Address** 1, Mogoșoaia street, 400652, Cluj-Napoca, Romania  
**Telephone(s)** + 40-264-420220;+ 40-264-401645  
**Fax** (+ 40-264) 592 055  
**E-mail** Dan.Mandru@mdm.utcluj.ro  
**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, (Bachelor- the III-IV years of study, Master), in Biomechatronics, Rehabilitation Engineering, Biomechanics, Actuators, 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 institutional projects and grants (World Bank, Tempus, Leonardo, Erasmus);  
Coordinator of two national institutional projects on Internationalization FDI (2017, 2018),  
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 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 250 (51 papers indexed in Web of Sciences)  
National and international research contracts: 25 ; Research project coordinator: 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

Prof.dr.ing. Silviu Dan MÂNDRU

July 2018