

# Curriculum Vitae



## Personal information

First name(s) / Surname(s) **Daniel DAN**  
 Address(es) Timișoara, Str. T. Lalescu 2  
 Telephone(s) + 40256403005  
 + 40256403934  
 Fax(es) + 40256403028 / + 40256403934  
 E-mail [daniel.dan@rectorat.upt.ro](mailto:daniel.dan@rectorat.upt.ro) / [daniel.dan@ct.upt.ro](mailto:daniel.dan@ct.upt.ro)  
 Nationality Romanian  
 Date of birth 22. 06. 1970  
 Gender / Status Male / Married

## Work experience

Dates 1997 – 1998 / 1998 – 2001 / 2001 – 2007 / 2007 - 2012  
 Occupation or position held Ph. D Student / Assistant / Lecturer / Associate Professor  
 Main activities and responsibilities Teaching, Research, Design in Civil Engineering  
 Name and address of employer Politehnica University of Timișoara  
 Type of business or sector University

## Education and training

Dates	1990 - 1995	1995 - 1996	2000 - 2002	1996 - 2002
Title of qualification awarded	Engineer	Master	Master	Ph. D.
Principal subjects/occupational skills covered	Civil Engineering	Building Rehabilitation	New materials and technology	Composite constructions
Name and type of organisation providing education and training	Politehnica Univ. of Timișoara			

## International Training Stages

Dates	1995 (3 months)	1998 (4 months)	1999 (2 weeks)	2001 (3 months)	2008 (1 week)
Name and type of organisation providing education and training	ENSAI Strasbourg France	Nottingham University - UK	Centro Internazionale di Scienze Meccaniche Udine - Italy	INSA Rennes France	Eindhoven University Holland

## 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			
B2	Intermediate	B2	Intermediate	B2	Intermediate	B2	Intermediate	B2	Intermediate
B2	Intermediate	B2	Intermediate	B2	Intermediate	B2	Intermediate	A2	Basic level

Social skills and competences	Teamwork and intercultural interaction
Organisational skills and competences	Conferences Scientific Secretary / Director of research contracts
Technical skills and competences	Composite structures Energy efficiency of buildings / Sustainability of buildings Design of masonry construction, concrete, steel, wood Rehabilitation of civil, industrial and agricultural buildings Strengthening and refurbishments of buildings Finite element structural analysis Fiber reinforced polymers for structures
Computer skills and competences	Microsoft Office, AutoCAD, AXIS, SAP
<b>Affiliation to Professional Associations</b>	IABSE – International Association for Bridge and Structural Engineering FIB – Federation for Structural Concrete AICPS – Romanian Association of Structural Design Engineers AEEC- Association of Energetic Auditors for Buildings
<b>Professional Certifications</b>	Laboratory Chief for research and testing activities - attested by State Inspectorate for Constructions (2004) Quality Design Checker of Romanian Ministry for Public Works and Buildings ( 2005) Energy Auditor of Romanian Ministry for Public Works and Buildings ( 2005) Research Expert for Research Projects of Romanian Ministry of Research and Education (06) Structural Health Monitor of Buildings (2006)
<b>Research works</b>	8 - International Research Grants - as member of research team 14 - National Research Grants – National University Research Council, Romania – as Coordinator 29 - National Research Grants – National University Research Council, Romania – as member of r. team <i>Director of grants and projects (2003-2013)</i> <i>Nearly Zero Energy Building and Passive House – sustainable solutions for residential buildings, Program PN II – PCCA, No. contract 1214 / 74 /2012, 2012-2015, 533830 lei (~124.000 EUR), UEFISCDI</i> <i>Innovative Structural Systems Using Steel-Concrete Composite Materials and Fiber Reinforced Polymer Composites”, Program PN II – IDEI 1004, No. contract 621/2009 , 2008-2011, 282495 lei (~75.000 EUR), CNCSIS-UEFISCSU</i> <i>Optimisation of new composite solutions used for structural elements for buildings, Nr. contract 33550 AT2-190 / 2003-2004, 16600 lei (~6000 EUR) CNCSIS</i> <i>Special health monitoring of chimneys from Rovinari power plant, No. contract 69/2009, 2009, 107100 lei (~30.000 EUR), SC Complexul Energetic Rovinari SA</i>
<b>Papers / Books</b>	6 – Books in Civil Engineering Field as author or coauthor 3 - Journal papers indexed in ISI 20 – Papers in Proceedings of International Conferences indexed ISI 6 – Papers in Proceedings of International Conferences indexed in International Databases 15 – Papers in Journals indexed in International Databases 44 – Papers in Proceedings of International Conferences 75 – Papers in Proceedings of National Conferences and Romanian Journals