

## Europass curriculum vitae



### Personal information

Surname(s) / First name(s)

**PANAIT / Tanase**

Address(es)

Brailei 68, bl. BR3, sc. 2 ap. 66, 800098, Galati, ROMANIA

Telephone(s)

Fixed: +(40 236) 435128

Mobile: +(40) 723 500 622

E-mail(s)

Tanase.Panait@ugal.ro

Nationality (-ies)

Romanian

Date of birth

21/9/1949

Gender

Male

### Occupational fields

### Education, Research

#### Work experience

##### *Teaching experience*

Dates

1996 – to present

Occupation or position held

Professor

Main activities and responsibilities

Thermodynamics and Heat Engines Department, Mechanical Engineering Faculty. Main teaching: Steam boilers and steam and gas turbines, Thermo-electrical power plants, Thermodynamics, Nuclear energetics and environment, Exergoeconomics and ecology, Modelling and optimisation of thermoenergetic processes, Exergoeconomy of thermoenergetic systems. Courses, supervising student licence projects and student research.

Name and address of employer

University "Dunarea de Jos" of Galati, Domneasca 47, 800008 Galati, Romania

Dates

1992 – 1996

Occupation or position held

Associate Professor

Main activities and responsibilities

Thermodynamics and Heat Engines Department, Mechanical Engineering Faculty. Main teaching: Steam boilers and steam and gas turbines, Thermo-electrical power plants, Thermodynamics. Courses, supervising student licence projects and student research.

Name and address of employer

University "Dunarea de Jos" of Galati, Domneasca 47, 800008 Galati, Romania

Dates

1981 – 1992

Occupation or position held

Senior Lecturer

Main activities and responsibilities

Thermodynamics and Heat Engines Department, Mechanical Engineering Faculty. Main teaching: Steam boilers and steam and gas turbines. Courses, supervising student licence projects and student research.

Name and address of employer

University "Dunarea de Jos" of Galati, Domneasca 47, 800008 Galati, Romania

Dates	1976 – 1981
Occupation or position held	Teaching Assistant
Main activities and responsibilities	Thermodynamics and Heat Engines Department, Mechanical Engineering Faculty. Main teaching: Thermodynamics, Steam boilers and steam and gas turbines. Designing and course applications.
Name and address of employer	University "Dunarea de Jos" of Galati, Domneasca 47, 800008 Galati, Romania

*Mechanical design experience*

Dates	1972-1976
Occupation or position held	Mechanical Design Engineer
Main activities and responsibilities	Mechanical engineering projects in ship design
Name and address of employer	Institute of Naval Construction Research and Design, Portului 19A, 800025 Galați, Romania

*Research experience*

Dates	1976 to present
Occupation or position held	Member and head of research grant teams
Main activities and responsibilities	Projects in the fields: 1. Efficiency improvement of the thermal machinery and thermoenergetical plants (processes optimization and energy recovery); 2. Environmental protection by biomass use.
Name and address of employer	University "Dunarea de Jos" of Galati, Domneasca 47, 800008 Galati, Romania

**Education and training**

Dates	10/7/1991
Title of qualification awarded	Ph.D. in Mechanical Engineering (Thermodynamics and Thermal Machines)
Principal subjects/Occupational skills covered	Research about heat recovery from cooling water of ships engines.
Name and type of organisation providing organisation and training	University "Dunarea de Jos" of Galati, Romania
Level in national or international classification	ISCED 6

Dates	01/10/1967 - 30/6/1972
Title of qualification awarded	M.Sc., B.Sc. Diploma in Engineering
Principal subjects/Occupational skills covered	Mechanical Engineer - Thermal Machines
Name and type of organisation providing organisation and training	Politehnicul Institute "Gh. Asachi" of Iasi, Romania
Level in national or international classification	ISCED 5B

*Stages*

Date	10-20 /12/2009
Tip și denumire	Program POSDRU, Quality Increase of Doctoral Study (PhD EXPERT) - academic management
Locul	École Centrale Paris and École Nationale Supérieure de Chimie de Paris

Dates	6-15 /12/1999
Type and designation	Program TEMPUS S_JEP 13468/98, 1999, The University of Birmingham, U.K. - academic management
Location	University of Birmingham, U.K.

Dates	13-24/09/1998
Type and designation	NATO Advanced Study Institute – Thermodynamics and the Optimization of Complex Energy Systems, Neptun, România

Location Neptun, România  
 Dates 7-23/12/1996  
 Type and designation Program TEMPUS S\_JEP 11230-96, Quality assurance in engineering degree programs – 1996, Università degli studi di Napoli Federico II, Italy - academic management.  
 Location Napoli, Italy.

**Personal skills and competences**

Native language Romanian

Other language(s)

Self-assessment

*European level (\*)*

**English**

**French**

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
A2	Basic user	B1	Independent user	A2	Basic user	A2	Basic user	A2	Basic user
A2	Basic user	B1	Independent user	A2	Basic user	A2	Basic user	A2	Basic user

(\*) *Common European Framework of Reference (CEF) level*

Social skills and competences

Very good oral and written communication and interpersonal skills.  
 High commitment to team working in multicultural environments.  
 Excelent skills in Adult Education (teaching and training).

Organisational skills and competences

Leadership: Dean of Mechanical Engineering Faculty (2000-2008), Vice-dean of Mechanical Engineering Faculty (1996-2000), Head of department (2008- to present), Project Manager (13 research contracts (11 grants)).  
 Organizer of national and international scientific events (2 National Conferences, with international participation and Scientific Committee and 3 International Conferences),  
 Experienced in publishing management (Fascicle coordinator of the scientific journal (in English) The Annals of "Dunărea de Jos" University of Galați, Fascicle IV, Refrigerating technique, Internal combustion engines, Boilers and turbines, ISSN 1221-4558).

Technical skills and competences

In depth knowledge of: Thermal Machines – Steam and Gas Turbines, Energy recovery, Cogeneration Plants.  
 Very good skills in: Modelling and Optimisation of thermoenergetical processes.

Computer skills and competences

Experienced with MS Windows, MS Office (Excel, Word, PowerPoint), Internet use.

Other skills and competences

Evaluation Expert of Romanian Ministry of Education and Research.

Driving licence

Romanian Driving licence, Category B (1979)

**Additional information**

Publications in national Revues (quoted by National Scientific Committee): 32.  
 Refereed publications in International Proceedings of Conferences: 42.  
 Refereed publications in national (Romanian) proceedings of conferences: 66.

6 books: 1. *Thermo-electrical power stations*. 2. *Proceses in steam and gas turbine*. 3. *Exergoeconomy of thermoenergetic systems*. 4. *Theory of thermoenergetic processes modelling*. 5. *Steam and gas turbine*. 6. *Increasing of efficiency methods of energetic consumes*. (all in Romanian).

**Memberships:** Member of the Romanian Society of the Thermodynamiciens.  
 Member of the Romanian Thermoenergetic and District Heating Society.

09/03/2010