

## Curriculum Vitae

### PERSONAL INFORMATIONS

#### DANU MARICEL

📍 Str. Avântului, Nr. 28, Oraș Tg. Bujor, Jud. Galați, România

☎ 0742 391 317

✉ [mdanu@tuiasi.ro](mailto:mdanu@tuiasi.ro) ; [maricel.danu@academic.tuiasi.ro](mailto:maricel.danu@academic.tuiasi.ro)

Sex: Male | Date of birth: 29/11/1979 | Nationality: Romanian

### WORK EXPERIENCE

---

Dates	02.2016 – up to day
Occupation	Lecturer
Name of employer	„Gheorghe Asachi” Technical University of Iasi, Faculty of Chemical Engineering and Environmental Protection „Cristofor Simionescu”, Bld. Prof. Dimitrie Mangeron, Nr. 73, Iași, <a href="https://icpm.tuiasi.ro/">https://icpm.tuiasi.ro/</a>
Main activities and responsibilities	Course holder: „Natural and Synthetic Polymers Fundamentals”, „Engineering of Specific Equipment in Polymer Synthesis and Processing 2”, „Polymer Technology 2”. Participation in the implementation of the instructional-educational and scientific research process in the department; participation in the development and expansion of the internal and international collaboration programs; involvement in organizational and administrative issues of the department; management and modernization of the department’s material base.
Field of activity	High Education, Training and Scientific Research
Dates	05.2008 – up to day
Occupation	Specialist Inspector gr. II (1/2 norm)
Name of employer	„Petru Poni” Institute of Macromolecular Chemistry Iași, 41A Grigore Ghica Vodă Alley, 700487 Iași, <a href="https://icmpp.ro/">https://icmpp.ro/</a>
Main activities and responsibilities	Scientific Research
Field of activity	Scientific Research
Dates	12.2006 – 04.2007
Occupation	Laboratory technician
Name of employer	S. C. Ecolab S.R.L.
Main activities and responsibilities	- carrying out laboratory analyzes for each product category: titrations to determine acidity, alkalinity or peracetic acid, electrical conductivity measurements, density measurements.
Field of activity	Trade activity
Dates	04.2006 – 10.2006
Occupation	Chemical Engineer
Name of employer	S.C. Teba Industries Iași, Calea Chișinăului, Nr. 22, Iași
Main activities and responsibilities	As a shift manager, my main activity was to coordinate the activity in the production section. IN 3 months, I was promoted from the shift manager to the production-programming engineer with the main activity of planning production on a technological line.
Field of activity	Textile and knitwear production

## EDUCATION AND TRAINING

Dates 2008 – 2013  
 Title of qualification awarded PhD  
 Main fields studied / Professional skills acquired Rheological and thermal characterization (TG, DSC), contact angle measurements, RMN spectroscopy, mass spectroscopy, UV – VIS and IR spectroscopy; experience in the organic and polymer synthesis (SET-LRP technique), in the use of the Anton Paar Physica MCR 501 rheometer and Mettler Toledo TG and DSC analysis equipment.  
 Name and type of organization providing education and training „Petru Poni” Institute of Macromolecular Chemistry Iași, 41A Grigore Ghica Vodă Alley, 700487 Iași, <https://icmpp.ro/>

Dates 2008 – 2009  
 Title of qualification awarded Master’s degree – Polymeric Biomaterials  
 Main fields studied / Professional skills Polymeric biomaterials and smart polymers, Biodegradation and biostabilization of polymers, Polymer composites, Supramolecular chemistry, Rheology of polymeric materials, Polymer characterization methods  
 Name and type of organization providing education and training „Gheorghe Asachi” Technical University of Iasi, Faculty of Chemical Engineering and Environmental Protection „Cristofor Simionescu”, Bld. Prof. Dimitrie Mangeron, Nr. 73, Iași, <https://icpm.tuiasi.ro/>

Dates 1999 – 2004  
 Title of qualification awarded Chemical engineer, Tehcnology of Organic Substances  
 Main fields studied / Professional skills Inorganic Chemistry, Organic Chemistry, Organic Technology, Pharmaceutical Products Technology, Intermediates and Dyes Technology, Cosmetic Products Technology  
 Name and type of organization providing education and training „Gheorghe Asachi” Technical University of Iasi, Faculty of Chemical Engineering and Environmental Protection „Cristofor Simionescu”, Bld. Prof. Dimitrie Mangeron, Nr. 73, Iași, <https://icpm.tuiasi.ro/>

## PERSONAL SKILLS

Mother tongue Romanian

Other languages

English

French

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
A1	A1	A1	A1	A1
A1	A1	A1	A1	A1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user

Communication skills Good communication skills

Organisational / managerial skills Organizational spirit – active member in research projects, organization of research and office work.

Computer skills

AUTOEVALUATION				
Information processing	Comuni cation	Contenct creation	Security	Problem solving
C1	C1	C1	C1	C1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user

Driving licence

B

#### ADDITIONAL INFORMATION

Publications	43 articles (37 ISI)
Citations	377
Presentations	27
Google Academic	<a href="https://scholar.google.com/citations?hl=ro&amp;user=9FII-T0AAAAJ">https://scholar.google.com/citations?hl=ro&amp;user=9FII-T0AAAAJ</a>
Scopus	<a href="https://www.scopus.com/authid/detail.uri?authorId=39061341800">https://www.scopus.com/authid/detail.uri?authorId=39061341800</a>
ORCID	<a href="https://orcid.org/0000-0002-8147-0025">https://orcid.org/0000-0002-8147-0025</a>
Projects	Project director for 1 TUIASI internal contract, team member in 6 contracts
Affiliations	Romanian Society of Rheology (founding member), Magazine of the Romanian Society of Cosmetic Chemists
Awards	Gold Medal - EUROINVENT 11 Edition, Iasi, 16 – 18 mai, 2019
Areas of activity	Rheology of polymeric materials, Materials science, Polymer technology, Polymer processing, Characterization methods

Date,

10 March 2023

