

## PERSONAL INFORMATION

**Georgeta VOICU**

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Sex F | Date of birth 19/06/1971 | Nationality Romanian

## JOB POSITION

University POLITEHNICA of Bucharest,  
Faculty of Applied Chemistry and Materials Science,  
Department of Science and Engineering of Oxide Materials and Nanomaterials

## WORK EXPERIENCE

- 01.03.2014 – present /  
01.03.2013 – 01.03.2014 /  
01.10.2003 – 01.03.2013 /  
01.10.1998 – 01.03.2003
- Professor / Associate Professor / Lecturer / Assistant professor**  
University POLITEHNICA of Bucharest, Faculty of Applied Chemistry and Materials Science,  
Department of Science and Engineering of Oxide Materials and Nanomaterials
- Teaching and research activity in Science and Engineering of Oxide Materials and Nanomaterials
- Sector** Higher Education
- 03.01.1996 – 01.10.1998
- Engineer**  
SC FRACOM srl Bucharest
- Technical activity
- Tipul de activitate** Manufacture
- 25.09.1995 – 03.01.1996
- Engineer**  
CEPROCIM S.A. Bucharest, Thermotechnics Department (6 Preciziei Blvd., Sector 6, Bucharest, 062203, Romania, Tel. +4021 3188884)
- Research activity related to inorganic binders and their raw materials
- Sector** Research

## EDUCATION AND TRAINING

- 01.06.2010 – 31.03.2013
- Postdoctoral studies** EQF level = 8  
University of Medicine and Pharmacy "Carol Davila" Bucharest
- Silicate dental cement with potential endodontic uses
- 01.11.1997 – 24.02.2005
- PhD, Chemical Engineering** EQF level = 8  
University POLITEHNICA of Bucharest
- Chemical Engineering / Binding materials for stomatology
- 01.10.1995 – 30.07.1996
- Master Studies** EQF level = 7  
University POLITEHNICA of Bucharest, Faculty of Industrial Chemistry, Department of Science and Engineering of Oxide Materials
- Special Binders
- 01.10.1990 – 30.07.1995
- Bachelor Studies** EQF level = 6

University POLITEHNICA of Bucharest, Faculty of Industrial Chemistry, Department of Science and Engineering of Oxide Materials

- Physical chemistry of solid state, Thermal Phase Equilibrium Diagrams, Physical chemistry of vitreous systems, Special Binders, Biomaterials, Unconventional Thermo Technology, Nuclear Ceramics, Electroceramics

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B1	B1	B1	B1	B1
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Communication skills

- Very good communication skills gained through teaching activity

Organisational / managerial skills

- Ability to make quick decisions and crisis management.
- Organizational skills, experience in projects management gained as coordinator of research projects reached through competition.

Job-related skills

- experimental techniques: X-ray diffraction analysis, scanning electron microscopy (SEM), complex thermal analysis, FT-IR and UV-Vis spectrometry

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient	Proficient	Proficient	Proficient	Proficient

- good command of graphic (Corel Draw, Photoshop) and math software (Origin, MathLab, MathCad)

Driving licence

B

ADDITIONAL INFORMATION

Memberships

- Reviewer to Materials Chemistry and Physics (Elsevier), Journal of Thermal Analysis and Calorimetry (Springer), Revista Română de Materiale (Romanian Journal of Materials- cotate ISI), Scientific Bulletin: B - Chemistry and Materials Science (indexată CNCSIS tip B), Journal of Nanomaterials (Hindawi Publishing Corporation), Optical Materials (Elsevier), Journal of Industrial and Engineering Chemistry (Elsevier), Arabian Journal of Chemistry (Elsevier), Materials Science and Engineering: C (Elsevier), Journal of Environmental Chemical Engineering (Elsevier), International Journal of Pharmaceutics (Elsevier), Biomacromolecules (American Chemical Society), Journal of King Saud University – Science (Elsevier), Ceramics International (Elsevier).
- Member of Romanian Society of Chemistry – SChR; Romanian Society of Ceramics CEROM; Romanian Electron Microscopy Society – SMER; European Ceramic Society ECERS – ECerS.