

PERSONAL INFORMATION



Razvan-Doru RAICU

 39-49 George Coşbuc Blvd., 5th District, Bucharest, ROMANIA

 (+40) 21 335 46 64

 razvan.raicu@mta.ro

Sex Male | Date of birth 29/04/1979 | Nationality Romanian

POSITION

Assistant Professor (Lecturer), Military Technical Academy "Ferdinand I", Bucharest

WORK EXPERIENCE

October 2007 – present

Assistant Professor (Lecturer, since 2012)/ Assistant Professor (2007-2012)

Military Technical Academy "Ferdinand I", Bucharest, Romania

- Teaching line: Physics for Engineers (course holder, undergraduate level), Sensors (course holder, undergraduate level, graduate level and professional); participation in examination commissions, admission commissions and study completion commissions; other related activities
 - Research area: Sensors Applications; Laser Applications
- Business or sector** Military polytechnic higher education

February 2003 – September 2007

Assistant Professor

University of Bucharest, Faculty of Physics, Magurele-IF, Romania

- Teaching line (undergraduate level): Electricity and Magnetism; Metrology; Metrology of Electromagnetic Quantities; participation in examination commissions, admission commissions and study completion commissions; other related activities
- Research area: Metrology, Biophysics and Environmental Physics.

Business or sector University education

May 2005 – June 2007

Scientific Researcher

National Institute of Metrology, Bucharest, Romania

Metrological activities in mechanical quantities field:

- High-level calibration activities
- Research and development of national standards in Pressure field

Business or sector Research & Development institute

July 2002 – November 2002

Junior Researcher

National Institute of Research & Development for Optoelectronics INOE 2000

- Research area: Laser applications in Fine Art Restoration

Business or sector Research & Development institute

EDUCATION AND TRAINING

- 2006 - 2011 **PhD – Thesis Title: ‘Objective methods for assessment of physiological parameters of living tissues using different types of sensors’**

POLITEHNICA University of Bucharest, Doctoral School of Electrical Engineering, ROMANIA

EQF level 8
- 2002 - 2004 **M.S. in Engineering Physics**

University of Bucharest, Faculty of Physics, ROMANIA

 - Electronic Physics, Metrology and Non-Destructive Testing

EQF level 7
- 1997 - 2002 **B.S. in Engineering Physics**

University of Bucharest, Faculty of Physics, ROMANIA

 - Technological Physics

EQF level 6
- 1993 - 1997 **Baccalaureate Diploma**

National College “Mihai Viteazul” Bucharest, ROMANIA

 - Mathematics and Physics

EQF level 4

PERSONAL SKILLS

- practical, systematic, efficient, hardworking, can work independently very well, reliable and responsible; leadership skills;
- problem solving skills.

Mother tongue(s) Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	C1	B1	B1	B2
NATO STANAG 6001 Level 2-1-3-2 (L-S-R-W) / Series E No. 000891/04.12.2008					
French	A1	A1	A1	A1	A1
-					

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Communication skills

I can communicate very well at management level, with the team members and with the partners of my employer. As manager or in similar positions, I communicate very clearly and efficiently with the team. As team member I am a team player and work hard for achieving the best results.

Organisational / managerial skills

I am coordinating student scientific circles in Physics, I participate in student competitions, I have conducted numerous bachelor's and master's degrees, including international students. I created the Physics laboratory and the Sensors laboratory within the Military Technical Academy "Ferdinand I" from scratch.

Job-related skills

Excellent logical thinking; very well organized; good managerial/project management skills; fast learner; excellent teaching, training, and coaching skills; excellent academic skills; good organizational skills; good research skills.

- Computer skills**
- Very good command of Microsoft Office™ suite and of computer applications used in engineering: Matlab™, LabView™, Multisim™, Origin™;
 - Good computer service/maintenance skills – Mac and PC (used voluntary for most of my friends)
 - Entry-level Python, Java, MySQL, HTML, CSS and JavaScript programming
 - Networking basics.
- Other skills**
- Excellent problem-solving skills; highly creative in finding solutions; analytical skills; good attention to details; extreme endurance and patience for solving difficult situations.