Gabriela Moise

Petroleum-Gas University of Ploiesti (UPG)
Ploiesti, Romania
Blvd. Bucuresti, no.39, 100680
https://timf.upg-ploiesti.ro/www/
Email: gmoise@upg-ploiesti.ro
https://www.brainmap.ro/public-profile-82881582
https://www.webofscience.com/wos/author/record/B-1609-2010
https://www.scopus.com/authid/detail.uri?authorId=22035420700
https://scholar.google.com/citations?user=QfpTGMoAAAAJ
https://orcid.org/0000-0002-3842-9828

Professional Experience

2012 - present	Petroleum-Gas University of Ploiesti (UPG) - Associate Professor

Department of Computer Science, Information Technology, Mathematics, and Physics (iTIMF)

- teaching activities (lectures, seminars, projects)
- scientific research activities
- Bachelor's and Masters' research projects supervision
- evaluation of educational process activities
- research area: Computer Science & Education, XAI, Affective Computing, and Medical Software

2016 - present	The Romanian Agency of Quality Assurance in Higher Education, *evaluator*
2016 - 2024	Petroleum-Gas University of Ploiesti (UPG)

Member in the University Senate

2016-2017	*Educational Committee Chair of University Senate*
2012 - 2024	Petroleum-Gas University of Ploiesti (UPG)

Head of Department of Computer Science, Information Technology, Mathematics, and Physics

- administrative activities; scientific events and students' competitions organizing activities; study programs

2019-present	coordination Petroleum-Gas University of Ploiesti (UPG) *Coordinator of Computer Science&Education Lab* • scientific research activities
2013 - present	Petroleum-Gas University of Ploiesti (UPG) *Member of CerTIMF Research Center* • scientific research activities
2011-2012	Petroleum-Gas University of Ploiesti (UPG) – Assistant Professor *Department of Information Technology, Mathematics and Physics (TIMF)* • teaching activities (lectures, seminars, projects) • scientific research activities • Bachelor's and Masters' research projects supervision • evaluation of educational process activities
2011-2012	Petroleum-Gas University of Ploiesti (UPG) *Temporary Head of Department of Information Technology, Mathematics, and Physics (TIMF)* • administrative activities; scientific events and students' competitions organizing activities; study programs coordination
2009-2011	Petroleum-Gas University of Ploiesti (UPG) – Assistant Professor *Computer Science Department* • teaching activities (lectures, seminars, projects) • scientific research activities • Bachelor's and Masters' research projects supervision
2009-2011	Petroleum-Gas University of Ploiesti (UPG) *Head of Computer Science Department* • administrative activities; scientific events, students' competitions organizing activities; study programs coordination
2009-2010	Petroleum-Gas University of Ploiesti (UPG) *Bulletin of PG University of Ploiesti, Mathematics, Informatics, Physics Series (BMIF) – Scientific Journal - Editor*

2008- 2009	Petroleum-Gas University of Ploiesti (UPG) – Assistant
	Computer Science Department
	• teaching activities (seminars, projects)
	• scientific research activities
2004- 2008	Petroleum-Gas University of Ploiesti (UPG) – Assistant Professor
	Computer Science Department
	• teaching activities (lectures, seminars, projects)
	• scientific research activities
2000-2004	Petroleum-Gas University of Ploiesti (UPG) – Assistant
	Computer Science Department
	• teaching activities (seminars, projects)
	• scientific research activities
1992-2000	IT Industry, Software Developer, Head of Computer Science Department
	• software designer and developer, IT projects management

Education

November 2011- March 2012	*SAP ERP training, UPG Ploiesti,* Certificate
2000-2008	*Petroleum-Gas University of Ploiesti, Romania, no. 39 Blvd Bucuresti, Ploiesti,* 2008 - PhD in Automatic Control
	PhD Thesis: "*Contributions to the Modeling and Controlling the Online Instructional Process Using Artificial Intelligence Techniques*"
2007-2009	*Petroleum-Gas University of Ploiesti, Faculty of Mechanical and Electrical Engineering*, Advanced Control and Programmable Structures, Master's degree in Systems Engineering
June 2002	*Sumy State University, Ukraine, International Summer Scientific-Practical School "Intelligent Systems",* Certificate Courses in Artificial Intelligence
1987-1992	*University of Bucuresti, Romania, Faculty of Mathematics,* Master of Science, Specialization: Computer Science

R&D Projects

2023-2024 *Research Grant GO-GICS, 11061/08.06.2023* entitled Affective Learning: Benefits and Ethical Risks in Superior Education (ALBER), director

2020 *CNFIS-FDI-2020-0034* - POLE4R&D – Support for Research in STEM, manager

2019 *CNFIS-FDI-2019-0066* - UPG-HUB4.0 – Multidisciplinary Research, Development and Innovation Hub, manager

2018 *SAFE-VR System for Ameliorating Phobias based on Exposure to Virtual Reality*, Politehnica University, collaborator

2017- 2019 SPECH, *Research, design, development and bench testing of a hybrid reactive propulsion system for space launcher applications area, with innovative inhomogeneous fuel and adaptive electrical control of parameters*, ID 462, C3 2016, Research, Develop and Innovation Grants ROSA STAR, member

2017, INTELSEC - Intelligent port monitoring system for protective equipment used for high voltage electrical networks based on RFID and wireless technologies – UEFISCDI PN-III-P2-2.1-CI-2017-0262, PN-III-118CI/2017, member

2017, Wireless smart sensor system for monitoring heat treatment installations, UEFISCDI PN-III-P2-2.1-CI-2017-0287, PN-III-93CI/2017, member

2010-2011 European Social Fund Project - *Professional Forming of the Teaching Staff from the Gymnasium and High School*, UPG Ploiesti (Partner), coordinator of the study program Information and Communications Technology.

2010-2013 European Project - *Development of the Universities' Staff Skills in Order to Be Able to Use an E-learning System*, European Social Fund Project, UPG Ploiesti (Partner), partner's coordinator.

2010-2013, European Project – *Theoretical and Practical Forming of the Teaching Staff from the Gymnasium and High School in the Physics and Technical Fields*, UPG Ploiesti, member.

2003 National Research Project - *Software program to build conceptual map*, CNCSIS, UPG Ploiesti, manager.