

## CURRICULUM VITAE

### A. Personal information

Name and surname: **LISA** (born Apreotesei) **GABRIELA**

Date and place of birth: **Moinești, 27.08.1969**

Present academic position: **Professor Ph.D. habil. eng.**, PhD supervisor in the Chemical Engineering doctoral area (**5 PhD students and 1 PhD**)

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### B. Education

„Gheorghe Asachi” Technical University of Iași, Faculty of Industrial Chemistry, chemical engineering specialization, engineer (**1995**), Postgraduate Diploma in Chemical Engineering “Separation operations based on mass transfer” (**1996**)

PhD Diploma, Thesis: “Studies in liquid-liquid extraction”, thesis supervisor Prof. dr. doc. eng. Radu Z. Tudose, Member of Romanian Academy (**2001**)

Habilitation thesis in the field of Chemical Engineering (**2017**)

### C. Professional experience

**2001-2004:** Assistant Professor; **2004-2009:** Lecturer; **2009-2017:** Associate Professor, **2017- present** Professor at „Gheorghe Asachi” Technical University of Iași, “Cristofor Simionescu” Faculty of Chemical Engineering and Environmental Protection.

**D. Teaching activities:** Physical Chemistry 1. Thermodynamics–Bachelor’s Degree level; Physical Chemistry 2. Kinetics–Bachelor’s Degree level; Physical Chemistry 3. Polydispersed systems– Bachelor’s Degree level; Physical chemistry of homogeneous systems - Master’s Degree level

### E. Research interests:

1. The physical-chemical characterization of some high performance materials; 2. The study of the thermodynamic properties of the liquid – liquid binary systems and studies in the liquid – liquid extraction; 3. Instruments of artificial intelligence used in chemical engineering (neural networks, genetic algorithms)

Key words: thermal analysis, excess thermodynamic properties, structure-property relationship modeling

**F. Summary of the research activity:** Books/book chapters: **9**, Total no. of papers = **281**, WoS papers = **216**; Total no. of grants = **27**; no. of grants as project manager = **4**. Scientometrics indicators: Hirsch index: H=**25** in Web of Science; H=**25** in Scopus; H=**28** in Google Scholar. The total number of citations: **2552**- according to Web of Science; **2629** - according to Scopus and **3168** - according to Google Scholar.

### G. Other academic activities:

• Expert evaluator for national grants. • Member of the *Romanian Chemical Society*, *Romanian Society of Rheology*, *Romanian Chemical Engineering Society*. •CEAC member in the university 2012-2024; •Member of the editorial advisory board (*Bul. Inst. Polit. Iași*); •Member of different promotion boards for higher education teaching positions; •Member of different PhD candidates guidance and doctoral theses defense boards; •Master’s degree dissertation supervisor; • PhD supervisor in Chemical Engineering, with five doctoral students in the internship; •Member of different boards organizing competitions for high school students; •Member in the organization committee of the 17<sup>th</sup> European Symposium on Computed Aided Process Engineering.