

Cristina Viorica Pop

Assistant professor

University "POLITEHNICA" Bucharest
Faculty of Applied Chemistry and Materials Science
Department Bioresources and Polymer Science



Contact information

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Education and training

Dates	2007 - 2008
Title of qualification awarded	Postgraduate studies
Principal subjects/occupational skills covered	Educational Psychology, Pedagogy, Teaching, Educational Communication, Management of Education
Name and type of organisation providing education and training	University "Politehnica" of Bucharest, Faculty of Industrial Chemistry
Level in national or international classification	ISCED 6
Dates	1992-1999
Title of qualification awarded	Ph. D. in Chemical Engineering
Principal subjects/occupational skills covered	Research
Name and type of organisation providing education and training	University "Politehnica" of Bucharest, Faculty of Industrial Chemistry
Level in national or international classification	ISCED 5a
Dates	1978-1983
Title of qualification awarded	Diplomat engineer (Chemical Engineering)
Principal subjects/occupational skills covered	High education
Name and type of organisation providing education and training	University "Politehnica" of Bucharest, Faculty of Industrial Chemistry
Level in national or international classification	ISCED 5a

Professional experience

Dates	1999-present
Occupation or position held	Assistant professor
Main activities and responsibilities	Teaching activity, research
Name and address of employer	University "Politehnica" of Bucharest Faculty of Applied Chemistry and Materials Science Department Bioresources and Polymer Science
Type of business or sector	High education
Dates	1990-1999

Occupation or position held	Research engineer
Main activities and responsibilities	Teaching activity, research
Name and address of employer	University "Politehnica" of Bucharest Faculty of Industrial Chemistry Department of Organic Technology and Macromolecular Compounds
Type of business or sector	High education
Dates	1986-1990
Occupation or position held	Scientific researcher
Main activities and responsibilities	Research
Name and address of employer	Oncology Institute Bucharest
Type of business or sector	Research and production of antitumor drugs
Dates	1984-1986
Occupation or position held	Engineer
Main activities and responsibilities	Research and production
Name and address of employer	Enterprise for plastic mass Buzau
Type of business or sector	Production

Academic and research interests

Studies regarding:

- the synthesis and purification of food dyes, synthesis and application of heterocyclic systems, synthesis and application of reactive dyes;
- the possibilities of synthesis and application of some unique dyes for the dyeing of cotton-polyester combination fibers;
- the synthesis possibilities of luminophore pigments;
- the possibilities of extraction and capitalization of bioactive compounds of plants.

The participation to Contracts of Scientific Research in unconventional fields of dyes' usage.

Teaching activity

<i>Studies</i>	<i>The name of Programme</i>	<i>Code</i>	<i>Course title</i>	<i>Activity type</i>
<i>Bachelor</i>	<i>Chemistry and engineering of organic substances, petrochemistry and coalchemistry</i>	UPB.11.S.07.O.306	<i>Natural dyes</i>	<i>Course, Laboratory</i>
	<i>Chemistry and engineering of organic substances, petrochemistry and coalchemistry</i>	UPB.11.S.07.O.302 UPB.11.S.08.O.312	<i>Chemistry and technology of organic dyes</i>	<i>Laboratory</i>
	<i>Medical Engineering</i>	<i>UPB 14.D.02.O.014</i>	<i>Biochemistry</i>	<i>Laboratory</i>
	<i>Quality control and expertise of foods</i>	<i>UPB.11.F.03.O.201</i>	<i>Food Chemistry</i>	<i>Laboratory</i>
<i>Master</i>	<i>Biofuels, biorefineries and related technologies</i>	UPB.11.S.11.O.0104	<i>Superior valorification of the biomass – fine chemistry</i>	<i>Course, Project, Laboratory</i>
	<i>Food chemistry.</i>	UPB.11.S.10.O.0408	<i>Natural and synthetic food dyes</i>	<i>Course, Laboratory</i>
	<i>Industrial Marketing</i>		<i>Nature-friendly dyes</i>	<i>Laboratory</i>
	<i>Pharmaceutical and cosmetic products</i>	UPB.11.S.11.O.304	<i>Dyes for pharmaceutical and cosmetic use</i>	<i>Laboratory</i>

Publication (selective):

Books

1. Valeria Gorduza, C.Tărăbășanu-Mihăilă, Anca Athanasiu, **Cristina Pop**, Eusebiu-Vlad Gorduza, Tudor Tărăbășanu-Mihăilă "Coloranți organici cu utilizări neconvenționale", Ed. UNI-PRESS C-68, București, 400 pg., 1999.

2. Cristina Pop, C. Boscornea, C. Tarabasau "Coloranti organici de interes alimentar, cosmetic si farmaceutic- Teste grila pentru verificarea cunostintelor", Ed. UNIPRESS, Bucuresti, **1999**.

Articles

1. Işfan, L., Tomas, Ş., **C. Pop**., Boscornea, C., Mocanu-Ionescu, R. "Synthesis and characterization of an azomethine-phthalocyanine chromophore by cyclotramerization of substituted phthalodinitrile with azomethinic remainder" Revista de Chimie, 2007, 58(8), pp. 830-832.

2. Işfan, L., Tomas, Ş., **C. Pop**, Boscornea, C., Mocanu-Ionescu, R. "Synthesis of some Schiff-base of copper tetraminophthalocyanine derivatives" Revista de Chimie, 2007, 58(7), pp. 664-668.

3. Işfan, L., Tomas, Ş., **C. Pop**, Boscornea, C., Mocanu-Ionescu, R. "Sinteza și caracterizarea unei serii de derivași de tetra-hidrazonofalocianine de cupru condensate cu diverse aldehide aromatice" Revista de Chimie, 2007, 58(10), pp. 941-944.

3. **C. Pop**, C. Tărăbășanu-Mihăilă, "The Dyeing of Cotton-Polyester Mixtures Using Quinoxaline – Type Reactive Disperse Dyes", RICCE 11, ed. CD secțiunea 9, București, 1999.

Research projects

1. CEEX 23/3.10.2005 " Complex System of integrated technologies and products for digitalisation of textile printing (DIGINTEX) 2005-2009; Cod UPB 45-06-01 *responsible partner UPB*

2. Project Parteneriate CERES 4-150 / 12.11.2004 "New catalists for oxidative processes obtained by solvato-thermal procedures (CATXSOLV)" -2004-2006. Cod UPB 45-04-10 *responsible partner UPB*

Other information