



Assistant professor in the group of researchers and teaching staff Institute of General and Ecological Chemistry, Faculty of Chemistry

Lodz University of Technology is one of the finest universities of technology in Poland. Its tradition and experience in training professionals and conducting research date back more than 75 years. It is an attractive partner for business. It cooperates with the largest national and international corporations. It conducts research of a European standard, develops new technologies and creates innovation in collaboration with the leading research centres all over the world. One of the pillars of Lodz University of Technology management is equal treatment of staff regardless of their gender, age, race or other demographic and social characteristics. In 2016, TUL was the first technical university in Poland to receive the HR EXCELLENCE IN RESEARCH award certifying that the University adheres to the principles of *the European Charter for Researchers* and *the Code of Conduct for the Recruitment of Researchers*.

1. Requirements for the candidate:

- PhD degree in the discipline of exact and natural sciences in the field of chemical sciences and engineer's degree;
- documented scientific achievements, including at least 6 scientific articles published in journals from the Philadelphia List in the field of analytical chemistry, measurements of gas exchange parameters used to assess plant metabolism and life cycle assessment (LCA);
- minimum 5 years of research experience in the field of analytical and environmental chemistry, with particular emphasis on research on plant materials and measurements of gas exchange parameters and biochemical parameters of photosynthesis;
- practical experience in hydroponic cultivation of plants;
- experience in planning and conducting studies in the scope of interactions of metal oxide nanoparticles and plants;
- good, practical knowledge of the following analytical techniques: HR-CS AAS, ICP-OES, UV-Vis spectroscopy, flame photometry;
- practical knowledge of non-destructive techniques to photosynthesis measurements, including mainly the SPAD-502 Plus chlorophyllometer and the CIRAS-3 infrared CO₂/H₂O gas exchange analyzer;
- experience in working with statistical analysis of biological data and programs, with particular emphasis on the Origin;
- experience in life cycle assessment analysis (LCA) of new technologies and products;
- experience in implementing international projects financed by the EU under the HORIZON program;
- knowledge of project management methodology PRINCE2 documented with an appropriate certificate;
- fluent knowledge of Polish in speech and writing, good knowledge of English to the extent that allows independent preparation of scientific publications;



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- experience in conducting laboratory classes with students in the field of analytical chemistry, instrumental analysis and industrial chemical analysis;
- participation in national and international scientific conferences;
- experience in preparing scientific publications;
- knowledge of issues related to the migration of nanoparticles in the environment.

Desired additional skills:

- teamwork skills;
- ability to make decisions independently;
- openness to new concepts, ease of acquiring knowledge;
- good cooperation with students during teaching classes.

2. Working conditions:

- full-time
- expected start 01.03.2024

3. Description of the expected scope of tasks and responsibilities:

Research topics carried out by the employee will include:

- analysis of environmental samples with particular emphasis on surface water;
- planning research related to the migration of pollutants in the water and soil environment;
- assessment of the impact of anthropogenic pressure on the status of surface and groundwater;
- optimization of wastewater treatment processes from the food industry;
- statistical data analysis.

Expectations:

- conducting interdisciplinary scientific research in the field of nanotechnology and analytical environmental chemistry;
- conducting teaching classes in Polish and English;
- participation in national and international research projects;
- active participation in the organizational activities of the Institute and the Faculty;
- performing life cycle analysis (LCA) of chemical products;
- publishing research results in international peer-reviewed journals included in the JCR list and independent correspondence with editors.



4. List of the required documents:

- 1) application for employment to the Rector of Lodz University of Technology;
- 2) Curriculum vitae with list of academic and didactic achievements;
- 3) personal questionnaire for a person applying for employment at Lodz University of Technology, as provided in Annex no. 1.1 to the OTM-R POLICY - OPEN TRANSPARENT MERIT-BASED RECRUITMENT;
- 4) Data Privacy Statement as provided in Annex no. 1.2 to the OTM-R POLICY - OPEN TRANSPARENT MERIT-BASED RECRUITMENT;
- 5) Consent to the processing of personal data, as provided in Annex no. 1.3 to the OTM-R POLICY - OPEN TRANSPARENT MERIT-BASED RECRUITMENT;
- 6) true copies/copies of diplomas;
- 7) other documents proving the qualifications.

5. Place, form and deadline for submitting documents

Deadline for submitting offers: 03.02.2024

Form of submitting offers: e-mail: aneta.węglińska@p.lodz.pl

6. Expected date of the competition decision: 08.02.2024



**PERSONAL INFORMATION FORM
FOR APPLICANTS FOR EMPLOYMENT AT LODZ UNIVERSITY OF TECHNOLOGY**

1. First name(s) and family name.....
 2. Date of birth.....
 3. Contact details.....
(provided by the applicant)
 4. Education (where required for specific duties or jobs)
(name of school and graduation date)
.....
.....
(occupation, specialization, degree, professional title, academic title)
 5. Professional qualifications (where required for specific duties or jobs).....
.....
.....
(courses, postgraduate education, other forms of further development of knowledge and skills)
 6. Employment history (where required for specific duties or jobs)
.....
.....
(employment periods and jobs held at previous employers')
 7. Additional personal information, where the right or the duty to disclose it exists under specific regulations.....
.....
.....
-
(place and date)
-
(signature of the applicant)



Data Privacy Statement for job candidates

Pursuant to Article 13(1) and (2) of Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data and repealing Directive 95/46/EC (General Data Protection Regulation, Official Journal of the EU L 119/1), hereinafter referred to as "GDPR", we inform you as follows:

Lodz University of Technology with the registered office in Lodz is the Controller of your personal data;

2) We have appointed a Data Protection Officer to supervise the compliance of personal data processing, who can be contacted in matters concerning the protection of your personal data at the following e-mail address: iod@adm.p.lodz.pl; telephone number: 42 631 2039; or in writing to the address of our registered office: Lodz University of Technology, Żeromskiego 116, 90-924 Łódź;

3) As the controller, we will process your data for the purpose of the recruitment process for the position indicated, based on your consent (Article 6(1)(a) GDPR);

4) You have the right to withdraw your consent to the processing of your personal data at any time, but such withdrawal shall not affect the lawfulness of the processing effected on the basis of your consent prior to its withdrawal;

5) You have the right to lodge an objection against the processing of the data as set out above at any time. We will cease to process your data for these purposes unless we can demonstrate that there are compelling legitimate grounds for us to do so which override your interests, rights, and freedoms, or that your data will be required for the possible establishment, assertion, or defense of claims;

6) Your personal data provided in the CV, personal information form for the applicant for employment, and copies of documents supporting your professional experience, education, additional credentials and qualifications will be processed for the period in which claims related to the recruitment process may arise, i.e. for 6 months following the conclusion of the recruitment process. For individuals who have given their consent to the processing of personal data for the purposes of future recruitment, for a period of 12 months following the conclusion of the recruitment process during which the consent has been given;

7) Only individuals authorized by the Controller to process your data in the performance of their duties will have access to your data;

8) Your personal data will not undergo automated processing and will not be subject to profiling;

9) Under GDPR, you shall further have:

- a) the right to access your data and to receive copies thereof,
- b) the right to rectification (amendment) of your data,
- c) the right to erasure/to be forgotten, restriction of data processing,
- d) the right to data portability,
- e) right to file a complaint to the supervisory authority - President of the Personal Data Protection Office, Stawki 2, 00-193 Warsaw.

.....
(date and signature of the candidate)



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Annex no. 1.3
to The OTM-R POLICY – OPEN TRANSPARENT MERIT-BASED RECRUITMENT

**Consent of the candidate to the processing of personal data
(pursuant to Article 7 GDPR)**

I consent to the processing of my personal data by Lodz University of Technology, the Controller of the data included in the following documents that I have submitted:

.....
.....

for the purpose of recruitment/employment*.

I hereby declare that I have been informed of the right to withdraw my consent at any time, effective as of the date of submission of the withdrawal of consent.

The Controller (or an authorized representative) has also informed me that the withdrawal of consent does not affect the lawfulness of the processing performed on the basis of the said consent prior to its withdrawal.

.....
(date and signature of the candidate)

* delete as appropriate.