

## **Assistant professor in a group of research, Faculty of Process and Environmental Engineering**

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. The requirements to be met by the candidate (detailed description of the knowledge, qualifications, skills, and professional experience).**

- Doctor of engineering degree in chemical engineering, environmental engineering, chemical technology, biotechnology, or similar.
- At least one year of laboratory work experience in research projects (after PhD graduation).
- Knowledge in the field of gas mixture separation processes carried out with the use of rotary apparatus / devices (using centrifugal force), an additional merit will be the authorship of scientific publications in this area.
- Knowledge of the kinetics of enzymatically catalyzed physicochemical processes will be an additional advantage.
- Knowledge in numerical modeling with CFD is additional merit (knowledge of rotary domain modeling will be preferred).
- Experience in preparation of scientific reports and papers in English, supported with at least two publications in journals listed in the “Register of scientific journals and peer-reviewed conference proceedings” published by the minister of science and higher education.
- Communicative knowledge of the Polish language (e.g. cooperation with subcontractors/suppliers, the accounting department, and the procurement department of the Lodz University of Technology are required).
- English language on at least C1 level, knowledge of the Czech language will be additional merit.
- The Candidate must fulfill conditions specified in:
  - “Instructions for funding of tasks financed by the National Science Centre in the field of research projects”, an appendix to the Resolution of the Council of the National Science Centre no. 95/2020 from 14<sup>th</sup> September 2020.
  - “Instructions for granting scientific scholarships in research projects financed with resources of the National Science Centre”, an appendix to the Resolution of the Council of the National Science Centre no. 25/2019 from 14<sup>th</sup> March 2019.

### **2. Specification of the terms and conditions of employment and authority associated with the position.**

- full-time,

- The appointed Candidate will be employed for a period of 30 months (up till 14th December 2024). The total amount of funds for the post-doc within the project's budget is 300 000 PLN. The anticipated start date of the employment is 15<sup>th</sup> June 2022.

### **3. Description of the expected responsibilities and duties.**

A post-doc appointed with this recruitment will partake in research tasks realized within a Polish-Czech project „Holistic approach to rotating packed bed absorption process with the use of three-dimensional computational fluid dynamics, visual studies, and mass transfer experiments”, managed by Prof. Dr. Eng. Andrzej Górak.

The Candidate's anticipated responsibilities include:

- Planning of experimental works and supervision of the required equipment modernization (in collaboration with suppliers/contractors/procurement department, etc.)
- Supervision of research work and analyses of samples obtained during absorption/desorption processes.
- Statistical analysis of the experimental data.
- Mathematical/numerical/CFD modeling of the absorption/desorption process in rotary packed reactors.
- Preparation of scientific publications according to requirements of chosen scientific journals, in Polish and English language.
- Preparation of information and popular science publications promoting the project (articles for the project's website etc.).
- Preparation of periodic reports in Polish and English.

NCN funding scheme: OPUS  
Panel: ST  
Application deadline: 2022-05-26 10:00  
Application form: e-mail

### **4. List of the required documents:**

- 1) application for employment to the Rector of Lodz University of Technology;
- 2) 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;
- 3) Data Privacy Statement as provided in Annex no. 1.2 to the OTM-R POLICY - OPEN TRANSPARENT MERIT-BASED RECRUITMENT;
- 4) Consent to the processing of personal data, as provided in Annex no. 1.3 to the OTM-R POLICY - OPEN TRANSPARENT MERIT-BASED RECRUITMENT;
- 5) true copies/copies of diplomas;
- 6) other documents proving the qualifications.

**5. The place, manner, and deadline for submitting the documents (as well as information concerning their return);**

The documents should be sent by e-mail at [andrzej.gorak@p.lodz.pl](mailto:andrzej.gorak@p.lodz.pl). All documents and appendices need to be submitted in PDF format (total size of the files should not exceed 10 MB).

The Candidates who fulfill the requirements may be invited for a personal interview. Information regarding the prospective interview will be emailed to the Candidate.

**6. Contact person details:**

Additional information regarding the project is provided by the Principal Investigator – Prof. Dr. Eng. Andrzej Górak at [andrzej.gorak@p.lodz.pl](mailto:andrzej.gorak@p.lodz.pl) by **26.05.2022 (until 10:00 a.m)**.

**7. The expected date of the announcement of the decision.**

03.06.2022 r.

**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, specialisation, 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.....

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.....  
(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:

- 1) 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: rbi@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)

**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 authorised 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