

Assistant professor 1, Institute of Polymer Technology and Dyes

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:

- PhD in exact and natural sciences, in the discipline of chemical sciences and professional engineer with a Bachelor of Science degree;
- Documented scientific achievements in the field of synthesis and characterization of nanofillers, polymer composites and blends, confirmed by publications in journals from the ministry list;
- At least 4 years of research experience in the field of polymer synthesis and surface modifications of organic and inorganic particles by means of atom transfer radical polymerization (ATRP), as well as characteristics of polymer materials and nanofillers (in particular layered nanofillers);
- Research experience in the field of development of new composite's nanofillers and polymer blend compatibilizers;
- Experience in research on rheometric and mechanical properties as well as thermal stability of polymer materials;
- Proficiency in techniques of analysis: gel permeation chromatography (GPC), gas chromatography (GC), Fourier transform infrared spectroscopy (FTIR), Raman spectroscopy, X-ray diffraction analysis, dynamic light scattering (DLS) for particle size analysis, the contact angle measurement;
- Experience in thermal analysis methods: TG, DSC, as well as operating thermal analyzers;
- Practical skills in operating the apparatus for testing the mechanical properties of polymer composites in static and dynamic conditions (universal testing machine, ARES-G2 rotational rheometer);
- Experience in operating GPC, GC, DLS apparatus;
- Ability to write scientific reports;
- Proven experience in participating in research projects (of at least national scope);

- Experience in teaching project and laboratory classes with students in the field of polymer technology and nanotechnology, both in Polish and English;
- Experience in participation in national and international conferences, and in preparation of scientific publications;
- Completed internship in foreign research center;
- Fluency in Polish, spoken and written; good knowledge of English, spoken and written;

2. Expectations:

- Very good organization, independence, and strong motivation to work,
- High personal skills allowing for effective teamwork,
- Accuracy in performing assigned tasks and the ability to adapt to procedures,
- Ability to search and analyze information,
- Ability to prepare research reports,
- High communication skills

3. Description of the expected responsibilities and duties.:

- conducting and documenting research activities, writing scientific articles and research grants,
- conducting didactic classes - laboratories and lectures,
- participation in organizational work for the University and the unit.

4. Working conditions:

- Full time
- Expected starting day March 1st, 2023.

5. We offer:

- Favorable social conditions,
- Location in the city center with easy access and official parking,
- Work in friendly atmosphere.

6. REQUIRED DOCUMENTS:

1. Application for employment to the Rector of Lodz University of Technology;
2. Scientific and didactic achievements;
3. True copies/copies of diplomas;
4. Self-report describing all previous and current research activities;
5. Annex-no.-1.1_personal-information-form, to The „OTM-R POLICY – OPEN TRANSPARENT MERIT-BASED RECRUITMENT”;
6. Annex-no.-1.2_data-privacy-statement-for-job-candidates, to The „OTM-R POLICY – OPEN TRANSPARENT MERIT-BASED RECRUITMENT”;

7. Annex-no.-1.3_consent-of-the-candidate-to-the-processing-of-personal-data, to The „OTM-R POLICY – OPEN TRANSPARENT MERIT-BASED RECRUITMENT”;

7. The place, manner, and deadline for submitting the documents:

Please send all the documents to the following address e-mail: **polbarw@info.p.lodz.pl**; or Lodz University of Technology, Faculty of Chemistry, Institute of Polymer and Dye Technology, Stefanowskiego 16, 90-537 Lodz no later than February 18, 2023. The date of documents submission to the Institute is considered. Please attach the annotation: **“Job Application' on the envelope - Assistant professor no1”**.

Candidates will be able to collect the documents related to the competition submitted by them for a period of 30 days from the date of the end of the competition.

The evaluation process follows two-step procedure. The first step is based on the analysis of the submitted documents. The second one is an interview with some of the candidates.

The name of the chosen candidate will be announced as soon as possible by email or phone. If the chosen candidate does not accept the position, the position will be offered to the following person from the recruitment list.

8. Expected date of the results announcement: February 21st, 2023

9. Scientific research studies conducted at the Institute of Polymer Technology and Dyes are focused on broad issues related to the fundamentals of chemistry and polymer technology. Investigations concentrate on conducting industrial processes of production, processing and recycling of polymers, testing their properties enabling industrial applications. Research activity is aimed at developing the new technologies of polymeric materials, elastomers, thermoplastic materials, composites and nanocomposites. Besides the scientific and teaching activity in domain of polymers studies in Institute centre around technology of dyes, unique (on a country scale) area of interest in Poland.

10. If documents are to be sent by post, please include the words **“Job Application' on the envelope - Assistant professor no1”**.

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
.....
.....

.....
(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