

Assistant professor, 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.

Professional requirements:

Applicants must have PhD in Polymer Science or related field obtained no later than 7 years before the application deadline, demonstrate the knowledge about polymer synthesis, be familiar with air and moisture sensitive synthetic techniques and have a diverse, practical knowledge and experience within standard characterization techniques used for polymers (GPC, NMR, UV-Vis, DLS). Experience in organic synthesis, materials chemistry and biomaterials would be considered as advantage to this application.

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.

Working conditions:

full time position for 18 months but could be extended till 36 months; cannot be shorter than 6 months.

Salary: A competitive salary of c.a. 7 600 PLN will be offered (gross pay; No other salary based on the work contract could be given during the period of employment including salary from the foreign employers).

Expected starting day: April 1st 2022.

We offer:

Favorable social conditions,

TUL may offer a housing assistance,

Location in the city center with easy access and official parking,

Work in friendly atmosphere.

Duties:

The work will be performed as part of large interdisciplinary project (OPUS-LAP, „Antimicrobial, antioxidative and electroactive ultrathin polymeric films for advanced skin wound dressings”). This project will involve considerable laboratory work including the design, synthesis and analysis of new functional copolymers, polymer gels and interpenetrating polymer networks. Reversible-deactivation radical polymerization (RDRP) or free radical polymerizations (FRP) will be used to obtain the designed materials. Synthesized polymer materials will be applied as components of wound dressing for severe skin injuries that actively supports the healing process.

A Postdoc will carry out synthetic and characterization research, also will contribute to the reports and manuscripts preparation. This position involves working with graduate students.

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.

Required documents:

- 1) application for employment to the Rector of TUL;
- 2) annex-no.-1.1_personal-information-form, to The „OTM-R POLICY – OPEN TRANSPARENT MERIT-BASED RECRUITMENT”;
- 3) annex-no.-1.2_data-privacy-statement-for-job-candidates, to The „OTM-R POLICY – OPEN TRANSPARENT MERIT-BASED RECRUITMENT”;
- 4) annex-no.-1.3_consent-of-the-candidate-to-the-processing-of-personal-data, to The „OTM-R POLICY – OPEN TRANSPARENT MERIT-BASED RECRUITMENT”;
- 5) please send the scan of your PhD diploma;
- 6) self-report describing all previous and current research activities.

Please send all the documents to the following address: e-mail: joanna.pietrasik@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 March 10, 2022. The date of documents submission to the Institute is considered. Candidates will be able to collect the submitted documents personally for a period of 30 days from the closing day of the call.

Please put the info: OPUS-LAP, Pietrasik.

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.

Expected date of the results announcement: March 2022.

In the case of sending documents by traditional mail, please include the annotation "candidate application for a position OPUS-LAP, Pietrasik".