Department of Vehicles and Fundamentals of Machine Design is looking for an employee for the position of Assistant Professor in a group of research and teaching staff.

Lodz University of Technology is one of the best technical universities in Poland. It has over 80 years of tradition and experience in educating staff and conducting scientific research. It is an attractive partner for business. It cooperates with the largest companies in the country and abroad. It conducts scientific research at the European level, creates new technologies and patents in cooperation with the best research centres around the world. One of the pillars of the management of the Lodz University of Technology is equal treatment of employees 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 logo, confirming that the University applies the principles of the "European Charter for Researchers" and the "Code of Conduct for the Recruitment of Researchers".

1. Requirements for the candidate:

- PhD in mechanical engineering.
- Experience in conducting scientific and research work in the fields of: mechanics and structural strength, tribology, efficiency of power transmission systems, power hydraulics, automation, and control.
- Scientific achievements confirmed by authorship or co-authorship of at least 2 publications in peer-reviewed journals in the field of mechanical engineering within the last 3 years.
- Experience in implementing projects related to topics such as: mechanics and structural strength, efficiency of power transmission systems, power hydraulics, automation and control.
- Experience in teaching at a university, especially in the field of engineering graphics and the basics of machine design.
- Experience in CAD/CAM software (Inventor, PTC CREO or other – certificate or statement) and data acquisition systems (e.g. LabView, Catman or other – certificate or statement)
- Experience in operating laboratory equipment (power hydraulics, engine test benches, transmission efficiency and dynamics measurements, vibration analysis, friction and wear testing).
- Knowledge of English sufficient to conduct lectures and courses.
- Proficiency in spoken and written Polish due to the need to conduct classes and perform organizational and administrative tasks.

2. Working conditions:

- The job offer concerns the position of assistant professor in the group of research and teaching staff at the Department of Vehicles and Fundamentals of Machine Design., Faculty of Mechanical Engineering, Lodz University of Technology.
- We plan full-time employment for an indefinite period. We expect to start work in October 2025. Hybrid work is possible.

We offer:
- opportunity to develop a scientific career,
- trips abroad related to conducting research in European research centres,
- participation in national and international conferences,
- publishing scientific articles in journals with a high citation index (Impact Factor).

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

- conducting and documenting research activities and participating in the dissemination of the results of these activities,
- conducting theoretical and practical classes (lectures, laboratories and exercises)
- participation in organizational work for the University, Faculty and Department

To implement the above-mentioned scope of duties following skills are needed:

- motivation, very good work organization, time management skills
- independence in action while being ready to work in a team,
- ability to transfer knowledge and build relationships with students in the teaching process,
- ability to present results and conduct ongoing reporting
from the work being carried out,
- openness to new challenges and changes,
- high personal culture and interpersonal skills,
- accuracy in performing assigned tasks and the ability to adapt to procedures.

4. List of required documents:

- Application for employment to the Rector of Lodz University of Technology;
- Personal questionnaire for a person applying for employment at the Lodz University of Technology, constituting Annex No. 1.1 to the "OTM-R POLICY - OPEN, TRANSPARENT, SUBSTANTIVE RECRUITMENT PROCESS";
- Personal data protection clause, constituting Annex No. 1.2 to the "OTM-R POLICY - OPEN, TRANSPARENT, SUBSTANTIVE RECRUITMENT PROCESS";
- Consent to the processing of personal data, constituting Annex No. 1.3 to the "OTM-R POLICY - OPEN, TRANSPARENT, SUBSTANTIVE RECRUITMENT PROCESS";
- copies of diplomas;
- other documents confirming your qualifications.

5. Place, form and deadline for submitting documents:

Application documents will be accepted until October 2nd, 2025 at the office of the Department of Vehicles and Fundamentals of Machine Design, 1/15 Stefanowskiego St., 90-537

- Lodz (building A18 floor IV, room 428) and to the address w1k15@adm.p.lodz.pl with the note "job candidate's offer" in the title;
- If documents are sent traditionally, the envelope should be annotated "job candidate's offer - sensitive data" and sent to the correspondence address: Lodz University of Technology, Department of Vehicles and Fundamentals of Machine Design, 1/15 Stefanowskiego St., 90-537 Lodz;
- Candidates will be able to collect the contest-related documents submitted by them for a period of 30 days from the end of the contest.

6. Details of the contact person and postal and electronic addresses to which documents and their scans can be sent:

In matters related to the contest, please contact the Secretariat of the Department of Vehicles and Fundamentals of Machine Design, phone: 42 631-23-28, e-mail w1k15@adm.p.lodz.pl

7. Estimated contest output date: October 7th 2025 r.

The Department of Vehicles and Fundamentals of Machine Design is a unit belonging to the Faculty of Mechanical Engineering of the Lodz University of Technology. Our many years of scientific activity are valued in industry, as evidenced by cooperation with many institutions and companies.

The scope of the Department's research work is related to the broadly understood issues of the basics of machine design. In their scientific and research work, employees of our unit focus on designing and testing assemblies of vehicles, machines and devices, with particular emphasis on the durability and reliability of friction nodes. Additionally, they also deal with the optimization of structures in terms of durability, reliability and energy consumption.

The teaching activities of the Department are related to the scope of research work and mainly include subjects related to the design and operation of machines, transport engineering and mechatronics in vehicles.

The scope of the Department's research work is related to the broadly understood issues of the basics of machine and vehicle construction. In their scientific and research work, employees of our unit focus on designing and testing assemblies of vehicles, machines and devices, with particular emphasis on the durability and reliability of friction nodes. Additionally, they also deal with the optimization of structures in terms of durability, reliability and energy consumption. The main research areas of the Department include:

- Mechanics and strength of construction
- Friction and wear of machine components
- Tests of internal combustion engines and their power systems
- Tests of drive systems
- Research on vehicle dynamics, stability and steerability
- Research in the field of transportation

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 ………………………………………………………………………………….

4.   Education (where required for specific duties or jobs) …………………………………………
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<div align="center">(name of school and graduation date)</div>

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<div align="center">(occupation, specialisation, degree, professional title, academic title)</div>

5.   Professional qualifications (where required for specific duties or jobs) ……………………………
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<div align="center">(courses, postgraduate education, other forms of further development of knowledge and skills)</div>

6.   Employment history (where required for specific duties or jobs) …………………………………..
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<div align="center">(employment periods and jobs held at previous employers')</div>

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)

Politechnika Łódzka

Data Privacy Statement for job candidates

1. The administrator of your data processed as part of the recruitment process is Lodz University of Technology (address: 90-924 Lodz, 116 Żeromskiego St., phone: +48 42 631 29 29), represented by the Rector as the employer.

2. At the Lodz University of Technology you can contact the Data Protection Officer at: iod@adm.p.lodz.pl phone: +48 42 631 20 39.

3. Lodz University of Technology will process your personal data to the extent indicated in the labor legislation for the purpose of the current recruitment procedure (Article 6(1)(b) of the GDPR), while other data, including contact data, on the basis of consent (Article 6(1)(a) of the GDPR), which may be revoked at any time.

4. Lodz University of Technology will process your personal data, also in subsequent recruitment of employees, if you give your consent (Article 6(1)(a) GDPR), which may be revoked at any time.

5. If the documents include data referred to in Article 9(1) of the GDPR, your consent to their processing will be required (Article 9(2)(a) of the GDPR), which may be revoked at any time. (Article 22 of the Labor Code and §1 of the Regulation of the Minister of Family, Labor and Social Policy of December 10, 2018 on employee records).

6. Personal data will be disclosed to persons acting under the authority of the controller and having access to personal data, processing them only on the instructions of the controller, unless required by European Union or Member State law.

7. Your data collected in the current recruitment process will be stored until the end of the recruitment process. In the case of your consent to the use of personal data for future recruitment, your data will be used until the end of the calendar year in which the recruitment process for which your application was submitted ended.

8. You have the right to:
   a) the right to access your data and to receive a copy of it;
   b) the right to rectify (correct) your personal data;
   c) the right to restrict the processing of your personal data;
   d) the right to delete your personal data;
   e) the right to lodge a complaint with the President of the Personal Data Protection Office (to the address of the Personal Data Protection Office: 2 Stawki St., 00 - 193 Warsaw)

   Information on data requirement: Your submitting personal data to the extent of Article 221 of the Labor Code is necessary to participate in the recruitment procedure. Your provision of other data is voluntary.

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

Candidate's consent to personal data processing under Article 7 GDPR

I consent to the processing of my personal data for the purpose and to the extent necessary to carry out the recruitment for the job in accordance with 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), publ. Official Journal of the EU L No. 119, p. 1. Consent is voluntary. Failure to give consent entails the inability to participate in the recruitment process. Consent may be withdrawn at any time, but without affecting the legality of the processing of personal data carried out on the basis of consent before its withdrawal.

....
(date and signature of applicant)

* delete as appropriate