

Dean
of Faculty of Materials Science and Technology
VSB – Technical University of Ostrava
announces a selection procedure for a post of
Junior researcher/postdoc
The position is suitable for both women and men.

The research activities will focus on the field of circular economy, environmental sustainability and intelligent resource management, with a particular emphasis on applied research within the CirkArena project, aiming to develop innovative solutions that support the transition from linear to circular and long-term sustainable systems.

Required expertise:

- Operations research
- Industrial systems management
- Expertise in data analysis and statistical modeling

We expect expertise in one or more of the following areas:

- Circular economy (theory, models, implementation)
- Life cycle assessment (LCA), carbon and environmental footprint
- Material flow analysis (MFA)
- Product passports and digital infrastructures for circularity
- Circular audits, ESG reporting, environmental economics
- Ecodesign and sustainable business models
- Interdisciplinary approaches connecting technology, economy, and societal impacts
- Preparation of high-quality technical reports and presentations to disseminate research findings internally and externally
- Preparation and submission of articles to high-impact journals
- Preparation of international projects

Full time equivalent:

1.0

Type of job contract:

fixed-term employment contract with the possibility of extension

Expected start of employment:

1. 10. 2025 or according to the agreement

We require:

- Ph.D. in economics, management, industrial systems management or a related field.
- High-level proficiency in English, both written and spoken.
- Excellent communication and presentation skills, with the ability to convey complex technical concepts clearly and effectively.

We offer:

- work in a promising organization,
- salary evaluation according to the candidate's experience,
- modern laboratory and classroom facilities,
- opportunity to participate in excellent research,
- possibility of further education,
- 6 weeks of holidays,

- flexible working hours,
- university kindergarten,
- contribution to pension plan,
- company catering in the canteen,
- MultiSport card,
- other employee benefits according to the employer's offer.

Your personal data will be processed to the extent necessary for the implementation of the selection procedure in accordance with EU Regulation 2016/679.

<https://www.vsb.cz/export/sites/vsb/en/.content/files/Informace-pro-uchazece-o-zamestnani-AJ.pdf>

E-mail the curriculum vitae focused on the course of professional practice, copies of documents on the acquired qualification, an overview of publishing activities according to the RVVI (The Research, Development and Innovation Council), and an overview of research projects to: eva.rozbrojova@vsb.cz until **15. 9. 2025**.

In the subject of the email, please state "Open Call for the position of the junior researcher/postdoc FMT".



**Co-funded by
the European Union**

**Ministry of the Environment
of the Czech Republic**