

The Director of the Institute for Nanomaterials, Advanced Technologies and Innovation, Technical University of Liberec announces the following selection procedure for the position:

FIRST STAGE RESEARCHER AT THE DEPARTMENT OF NANOMATERIALS IN NATURAL SCIENCES 8280 - TR 5

Job description:

- Researcher at the „Laboratory of water technology and remediation“ at the „Department of nanomaterials in natural sciences“ – **researcher in the field of waste water treatment technologies**
- Research and development activities, self-education activities, cooperation in the preparation and implementation of R&D projects, laboratory and field verification of new technologies and attaining knowledge

Required qualifications:

- Provable experience in water technology and advanced water analysis, including extensive knowledge of microscopy techniques
- Expertise in the field of population dynamics of biological systems, especially activated sludge and biofilms
- Experience in operating and optimizing of biological reactors
- Experience with the implementation of R&D projects, including the willingness to participate in the preparation and implementation of new R&D projects
- Ability to think critically and independent decision making
- Ability of detailed and multicriterial analysis of solution
- High level of creativity and inventiveness in solving demanding technical projects and technological problems
- Reliability in meeting predetermined deadlines
- Ability to work independently and in teams
- Flexibility, responsibility and proactive approach

Required education and practice:

- Completed Master's degree in natural sciences field (ideally the Faculty of Science UK in the field of biology, microbiology, or environmental sciences), eventually technical fields
- Provable (at least one year) praxis in a science-research is a prerequisite
- Praxis with implementation of R&D projects is an advantage
- Knowledge of the Czech language, knowledge of the English language in speech and writing, another foreign language is an advantage
- Group B driving license

Employment relationship:

- Full time 100%
- The contract will be concluded for 2 years, or in case of an agreement (*max. 3 years*) with the opportunity of prolongation in relation to the project realization and internal TUL regulations

Date of commencement of employment:

- June 2019, eventually upon agreement



Salary:

- Wage rate C1 (R1) according to the TUL Internal wage regulations in relation to the position and expert praxis
- Possibility of granting a personal bonus after the trial period in connection with the performance evaluation

Working conditions and wage classification is governed by the Work rules, Inner wage regulation of the Technical University of Liberec, the Labor Code and the Regulations of selection process for filling vacancies of academic staff and other employees of the Technical University of Liberec.

We offer:

- interesting, varied and responsible job
- 6 weeks of holidays (30 day)
- flexible working time
- university canteen
- university kindergarten
- children's playground for toddlers
- possibility of accommodation in the university dormitory
- pension or life insurance benefits
- language courses in the University language school

The application form must be accompanied with the following paper documents:

- a) brief CV
- b) brief description of previous professional activities
- c) evidence of completion of education, evidence of professional competence and membership in professional associations

In the first round, the paper documents will be assessed, in the second round, selected candidates will be required to undergo personal interviews. All applicants will be informed about the result within 30 days from the end of the selection process.

Please, submit the application together with the above mentioned documents by email or mail no later than on May 15, 2019 to the following address:

**Technical University of Liberec
Personnel Department
Studentská 2
461 17 Liberec 1**

Contact person: Mgr. Jitka Havlíková, Personnel Department
e-mail: volnamista@tul.cz

The announcement of the above mentioned position is made public from April 15, 2019 on the official board of the Technical University of Liberec (<http://www.tul.cz/uredni-deska/uredni-deska-tul/vyberova-rizeni-volnamista>), on the web page of the Institute for Nanomaterials, Advanced Technologies and Innovation <http://cxi.tul.cz/o-nas/volna-pracovni-mista.html>, on the employment portal of the Ministry of Labour and Social Affairs (<http://portal.mpsv.cz>), and on the portal: (<http://www.euraxess.cz/>)

