

**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 NANOTECHNOLOGY AND INFORMATICS – 8230 – TR 15**

**PROJECT OP VVV – HYBRID MATERIALS FOR HIERARCHICAL STRUCTURES  
REG. NO. CZ.02.1.01/0.0/0.0/16\_019/0000843**

### ***Job description:***

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- junior researcher at the Department of nanotechnology and informatics - a specialist in polymeric membranes and/or nanomaterials in textile structure
- research and publishing activities, self-education activities, participation in realization of research project focused on development and characterization of nanomaterials and nanofibrous membranes for water remediation

### ***Required qualifications:***

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- expertise in textile, chemistry, polymer materials, and nanomaterials and their properties, preparation, structures, modification and application
- experience with preparation and testing of biodegradable nanofibers
- experience with preparation of hydrophilic and hydrophobic nanofibrous surfaces
- experience with polymeric materials, their characterization and modifications
- experience with preparation of project proposals
- has at least one paper with impact factor in WOS.
- creative thinking, the ability to work systematically and to make conclusions based on the experiments performed
- sense of responsibility and ability to work in team
- oral and written communication skills to present scientific results in Czech and English language

### ***Required education and practice:***

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- university degree (M.Sc. or equivalent) in the field of textile and/or engineering or sciences obtained by 30<sup>th</sup> June 2018
- being PhD student in bioengineering is an advantage for the preparation of MBR (readiness to study at the TUL)
- good knowledge of English language both written and spoken, knowledge of another foreign language advantage
- willing to study of Czech language

### ***Employment relationship:***

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- part-time (50 %) job or higher by agreement
- the contract will be concluded for 1 year, 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:***

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- January 2020 or by agreement

***Salary:***

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- 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.

***We offer:***

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- interesting, varied and responsible job
- 6 weeks of holidays (30 days)
- 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 14<sup>th</sup> November 2019 to the following address:***

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

Contact person: Ing. Alena Šírková, Personnel Department  
e-mail: [volnamista@tul.cz](mailto:volnamista@tul.cz)

***The announcement of the above mentioned position is made public from 14<sup>th</sup> October 2019 on the official board of the Technical University of Liberec (<http://www.tul.cz/uredni-deska/uredni-deska-tul/vyberova-rizeni-volna-mista>), 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/>).***

