**FORM FOR EMPLOYERS**

**INSTITUTION**: Military University of Technology, Institute of Optoelectronics
**CITY**: Warsaw
**POSITION**: Assistant Professor
**DISCIPLINE**: Chemical Engineering
**POSTED**05.08.2019
**EXPIRES** **04.09.2019**
**WEBSITE** [www.wat.edu.pl](http://www.wat.edu.pl)**KEY WORDS**: synthesis of nanomaterials, adsorption process, characteristics of porous structures, modification of biomaterials and biopolymers.

**DESCRIPTION** (field, expectations, comments):

The candidate should have the knowledge and practical experience in the synthesis of new carbon structures using various carbonaceous precursors, micro and mesoporous adsorption structures and reticulated monolithic structures. In addition, the candidate should have the skills to select and apply the appropriate characterization techniques of the structures obtained, i.e. analysis of porosity (chemical and physical adsorption - determination of gas adsorption isotherms), the surface chemistry and surface morphology (electron microscopy). The candidate should also be able to prepare, purify and modify the biomaterials for cell culturing. Among the other duties, the candidate will also be involved in ongoing research projects, participation in conferences and authorship of the scientific publications. The applicant's duties will also include teaching in classes of chemistry and environmental protection in the energy sector.

**I. Admission requirements:**

* meets the requirements determined in art. 113 of the "Law on Higher Education and Science", July 20, 2018, (Journal of Laws of 2018, item 1668),
* a doctoral degree in the field of chemical sciences, material engineering or related topics,
* knowledge of classical and modern techniques of testing the properties of nanoporous materials; experience in the work with high-temperature synthesis,
* documented teaching experience: minimum 160 hours spent on teaching in the chemistry classes;
* the ability to operate an electron microscope, confirmed by a training certificate;
* the skills to interpret adsorption isotherms to characterize the porosity of materials based on data of a porosity analyzer, training confirmed by a certificate
* scientific achievements in the field of porous carbon materials, documented by co-authorship of at least three original publications with IF index;
* participation in the implementation of research projects;
* a minimum of four years of professional experience in the research teams;
* documented training to work in a research and calibration laboratory according to relevant standards, e.g.: quality management system ISO 9001: 2015, 17025: 2005 and AQAP 2110.

**II.** **The competition application should include:**

* a letter of application to the Rector of the Military University of Technology,
* candidate’s questionnaire,
* CV,
* copies of diplomas and other documents confirming / proving the candidate's
qualifications,
* a declaration of consent to process personal data included in the job application in
accordance with the Data Protection Act,
* a statement that the candidate/applicant has full capacity to act according to the law
in force,
* a declaration of no charges within a final judgment of a deliberate crime,
* a declaration of no charges within the disciplinary procedure of the deprivation of
     rights to practice the profession of academic teacher on a permanent or fixed-term
     basis/contract,
* a declaration on the full use of civil rights,
* a declaration stating whether MUT is the core or non-core workplace for the applicant.

Document templates available on the website:

<https://bip.wat.edu.pl/index.php/praca/wzory-dokumentow-dla-kandydatow>

**III. Documents should be submitted till 05.09.2019**

- in person to the secretary's office of the Institute of Optoelectronics at the front
   desk, Military University of Technology, Warsaw, 2 gen. Sylwestra Kaliskiego St,
   building 136, room 114;

- by post: at the Military University of Technology, Institute of Optoelectronics, 00-908 Warsaw, 2 gen. Sylwestra Kaliskiego St.;

Formal defects that constitute an absolute ground for the rejection of a tender are lack of documents mentioned in point II.

**IV. Additional information can be obtained by telephone: (+48) 261 83 96 96**

The competition will be adjudicated within two weeks from the deadline for submission of offers.

The competition is the first stage specified in the Statute of the Military University of Technology of employment procedure as an academic teacher, and its positive resolution is the basis for further progress. The final decision on employing a person selected in the course of the competition is made by the Rector. The Military University of Technology reserves the right not to resolve the competition without giving a reason. The University does not provide accommodation.

At the end of the recruitment process, offers that do not meet the formal requirements and all other offers except the offer of the selected candidate are destroyed after one month from the day of the competition procedure completion.