**FORM FOR EMPLOYERS**

**REFERENCE NUMBER: 1-IOE-ZTO-ASBD-19**

**INSTITUTION**: Military University of Technology, Institute of Optoelectronics  
**CITY**: Warsaw  
**POSITION**: Research and teaching assistant, full-time employment  
**DISCIPLINE**: Electronics  
**POSTED**23.12.2019  
**EXPIRES** **23.01.2020**  
**WEBSITE** [www.wat.edu.pl](http://www.wat.edu.pl)**KEY WORDS**: Raman spectroscopy, UV-vis-NIR spectroscopy, scanning electron microscopy, hazardous materials detection, explosive materials, fabrication and investigation of plasmonic nanoparticles.

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

The candidate should have knowledge and at least a few years of practical experience in the fabrication of plasmonic nanostructures by using chemical and physical methods, and their characterization (by at least UV-vis-NIR spectroscopy and scanning electron microscopy). The candidate should also demonstrate knowledge of Raman techniques, classical Raman spectroscopy and surface enhanced Raman spectroscopy, and have experience in their use in the detection of hazardous materials, including explosives. The candidate should have knowledge and experience in work with explosives. The candidate should have experience in teaching at a technical university.

**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);
* at least a M.Sc. degree in the technical discipline;
* professional experience in the work at technical university;
* professional interests consistent with the teaching and research profile of Optoelectronic Technologies Section of the Institute of Optoelectronics, MUT, including nanotechnology and new nanomaterials.
* the ability to teach classes in Polish language;
* documented teaching experience: minimum 100 hours spent on teaching course in any field at university;
* publications - at least 5 publications in journals from the A list of the Ministry of Science and Higher Education, which are thematically related with fabrication, characterization and/or applications of nanomaterials;
* the ability to use software such as: Microsoft Office (Word, Excel ...), Digimizer, WiRE, CasaXPS;
* at least a few years’ experience in work on Raman spectrometers, UV-vis-NIR spectrometers and optical microscopes;
* the ability to perform measurements using SEM confirmed by a certificate;
* the candidate must have the authority to inspect and manage work in the field the production and trade of explosives, weapons and ammunition and products and technology for military or police purposes;
* willingness to participate in scientific and research works.
* confirmed participation in at least a few research and development projects;

**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 23.01.2020**

- **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.

**The application should have a reference number: 1-IOE-ZTO-ASBD-19**

**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.