

**Tadeusz Kościuszko Cracow University of Technology**  
**announces a contract for the position of a research assistant**  
**in the Department of Biotechnology and Physical Chemistry at the Faculty of Chemical**  
**Engineering and Technology**  
**(POSITION 2)**

**Time frame:** full-time employment

**Number of available positions:** 1

**Type of employment contract:** fixed-term contract, 23 months

**Representative scientific discipline:** chemical engineering

**1. Necessary requirements:**

- Higher technical education in the fields of scientific disciplines: Chemical Engineering, Chemical Technology, or Biotechnology (Master of Science in Engineering)
- PhD degree in Technical Sciences; Chemical Engineering
- Documented knowledge of English at a minimum level of B2.
- Confirmed knowledge of the Polish language in cases where it is not the candidate's native language

**2. Additional requirements:**

- Managing at least 3 scientific and research projects with external financing
- Co-authorship of at least 4 granted national or international patents
- Co-authorship of at least 30 scientific publications, including at least 5 as the first author
- Knowledge of software: MS Office, Omnic, Match!, Chromeleon, ChemsSketch, Mendeley.
- Knowledge of analytical techniques UV-Vis, fluorescence, FT-IR infrared spectroscopy, AAS atomic absorption spectroscopy, HPLC, GC, GPC, IC chromatography, quantitative cytotoxicity testing
- Knowledge of biotechnology and spectroscopy;
- Experience in the synthesis and analysis of new materials and biomaterials,
- Experience in acquiring research projects obtained through competition, planning and implementation of research tasks.

**3. Scope of duties for the position:**

Research in the main discipline represented at the Faculty of Chemical Engineering and Technology, i.e., Chemical Engineering. Conducting research related to the design, synthesis and analysis of polymer and composite biomaterials; analysis of biological properties of low and high molecular compounds, biomaterials and nanomaterials, implementation of research and development work related to the development and testing of soil fertility assessment systems, preparation of grant applications, scientific publications and patent applications, management of the Project and the Research Team.

**4. Required documents:**

- application to His Magnificence Rector of Cracow University of Technology for employment as a research assistant;
- detailed CV (including the history of previous employment and a detailed list of scientific achievements);

- a copy of the diploma;
- proof of knowledge of a foreign language;
- a personal questionnaire.

Employment will take place after the competition procedure consisting of:

- analysis of submitted documents,
- interviews.

The required documents should be submitted to the Secretariat of the Faculty of Chemical Engineering and Technology, Cracow University of Technology, 24 Warszawska Street, 31-155 Cracow, tel./fax (12) 628 20 35, room 10, from 9.00 am to 1.00 pm or sent in the form of scans to the e-mail address [wiitch@pk.edu.pl](mailto:wiitch@pk.edu.pl)

The file with the documents should contain a note: **applies to the competition for the position of assistant in a group of research and teaching staff group, code number C07.110.193.2024**

Documents should be submitted by **March 4th, 2024**.

The deadline for the competition is **March 29 th, 2024**.

Cracow University of Technology reserves the right to contact candidates whose applications met the necessary requirements and were given the highest marks by the Recruitment Committee. Information on the results of the competition will be published on the BIP PK and MNiSW website.

The submitted documents may be returned in the Secretariat of the Faculty of Chemical Engineering and Technology, Cracow University of Technology at room 10 from April 2nd, 2024 to April 12th, 2024. Documents which are not collected within this time limit will be destroyed by the commission.