

ANNOUNCEMENT OF THE CONTEST

Institution: **Central Mining Institute - National Research Institute**

City: **Katowice**

Position: **Assistant**

Scientific discipline: **environmental engineering, mining, and power engineering**

Date of announcement: **06.11.2025**

Closing date for delivery of applications: **26.11.2025**

Link to the website: www.gig.eu

Keywords: **assistant, environmental engineering, biomass waste and solid fuel processing**

Place of work:

Central Mining Institute - National Research Institute

Department of Energy Efficiency, Environmental Monitoring and Alternative Fuel Technologies

Mikołów, ul. Podleska 72

Job description:

- 1) Conducting scientific, R&D and publishing activities in the field of:
 - thermochemical processing (gasification, liquefaction, and carbonization)
 - production of hydrogen from conventional and alternative fuels
 - products and by-products of biomass, waste, and solid fuel conversion with environmental considerations and recovering valuable components
- 2) Carrying out chemical and physicochemical analyses of gaseous, liquid and solid products as well as analyses in the field of energy saving and air protection.
- 3) Implementation of national and international research projects and commercial research/analysis.
- 4) Cooperation with domestic and foreign research institutions and external companies.

Requirements for the position:

- 1) Master's degree in chemistry or a related field.
- 2) Theoretical and practical knowledge of issues related to analytical chemistry and wastewater treatment technology.
- 3) Experience in testing products and by-products of thermochemical processing of biomass, waste materials, and solid fuels.
- 4) Experience and ability to perform instrumental analyses using GC, GC-MS, and HS-GC technique.
- 5) Scientific achievements in the field of required scientific competence (research papers, projects, publications).
- 6) Experience in implementing national and international research projects.
- 7) English language proficiency at minimum B2 level (valid certificate required).

List of required documents:

- 1) Application for the Assistant position.
- 2) CV.
- 3) Copies of higher education diploma and other relevant diplomas or certificates.
- 4) Description of professional experience
- 5) Brief information about the candidate's scientific interests and current achievements in research and development, particularly around required scientific competences (list of publications, patents obtained, participation in national and international research projects, etc.)
- 6) Candidate's declaration on the acceptance of the contest terms and conditions, and a personal survey of a candidate applying for employment

Tender submission term and location:

Tenders with the full set of documents should be e-mailed to rekrutacja@gig.eu, filed personally at the GIG General Administrative Office or mailed to Central Mining Institute - National Research Institute, 40-166 Katowice, Plac Gwarków 1 Poland **by 26.11.2025r.**

The tenders should be marked as: 6/2025 –Assistant SO
Estimated selection end date – December 2025