



INSTITUTION:	<b>Gdańsk University of Technology, Faculty of Mechanical Engineering and Ship Technology, Institute of Mechanics and Machine Design, Division of Mechatronics</b>
CITY:	Gdańsk
EMPLOYEE GROUP:	research and teaching staff
POSITION:	<b>Assistant professor</b>
NUMBER OF OFFERS AVAILABLE:	1
DISCIPLINE:	mechanical engineering, automation, electronics, electrical engineering and space technologies
POSTED:	21.05.2025
EXPIRES:	20.06.2025
PLANNED DATE OF COMPETITION ENDS:	24.06.2025
PLANNED DATE OF EMPLOYMENT:	01.10.2025
WEBSITE:	<a href="https://praca.pg.edu.pl/jobs/m/3599/en">https://praca.pg.edu.pl/jobs/m/3599/en</a>
KEYWORDS:	mechanics, mechatronics, robotics, research, teaching

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#### TASKS/ ROLE

- conducting scientific research (anticipated areas of research: robotics, applications of artificial intelligence, human-machine interaction, methods of navigation, identification and optimization, modeling of manipulators and mobile robots)
- preparing of scientific and didactic publications
- seeking funding for the research and preparing applications for their acquisition
- teaching in Polish and English languages

#### REQUIREMENTS



- PhD in mechanical engineering or related discipline (e.g. automation, robotics, electronics, mechatronics)
- readiness and background for teaching at the university level in at least 3 of the following thematic areas:
  - mechanics (including vibrations)
  - automation (including control theory and digital control)
  - robotics
  - programming and numerical methods (in particular good knowledge of the Matlab environment and at least one of the languages: C, C++, Java, Python)
  - artificial Intelligence (in particular artificial neural networks)
  - modeling and design of mechatronic systems
  - signal and image processing
- minimum 1 year of experience in teaching at the academic level (provide the names of the courses taught)
- strong scientific knowledge background allowing conducting scientific research in at least two of the areas listed in point 2, applied within the discipline of Mechanical Engineering and confirmed by (co)authorship of at least 2 scientific publications in journals indexed in the Scopus or WebOfScience databases.
- fluent knowledge of Polish at least at C1 level (confirmed by a certificate if it is not your native language)
- knowledge of English language allowing writing scientific publications and conduct classes (native speaker or at least certified B2 level)
- H-index<sup>33</sup> according to Scopus

#### ADDITIONAL REQUIREMENTS

- knowledge of Robot Operating System
- practical knowledge of programming libraries enabling the implementation of Artificial Neural Networks.
- practical knowledge of robots operating and programming, in particular Nachi, ABB, Hanwha
- practical knowledge of programming Raspberry Pi embedded systems and STM32 microcontrollers

#### BENEFITS



- work for one of the leading technical universities in Poland
- academic organisational culture based on the principles of respect
- stable employment conditions
- additional annual salary
- opportunity to relax at Gdańsk Tech's Resort, located in the picturesque Kaszuby Lake District
- trips abroad within the Erasmus+ program
- internal trainings
- access to the university library
- option to join: employee group life insurance, private medical care, sports and recreation program (Benefit MultiSport card)
- sports activities at Gdańsk Tech's facilities
- on campus there are: kindergarten, baby changing and feeding stations, refreshment kiosks, relaxation areas and free parking lot
- holiday subsidies
- preferential loans
- work in a well-connected place
- and much more... For a full list of benefits visit: <https://chr.pg.edu.pl/en/join-us>

## DOCUMENTS

- CV
- cover letter
- copy of diploma
- description of scientific achievements and list of publications

## SELECTION / ELIGIBILITY CRITERIA

The eligibility criteria will relate to the requirements of a given competition and will concern a qualitative and quantitative assessment of the candidate's qualifications, competences, experience and achievements.

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PLACE AND FORM OF THE OFFERS    adress: [prodziekani.wimio@pg.edu.pl](mailto:prodziekani.wimio@pg.edu.pl)

CONTACT EMAIL ADDRESS                      [prodziekani.wimio@pg.edu.pl](mailto:prodziekani.wimio@pg.edu.pl)

IN THE TITLE OF E-MAIL, PLEASE  
ENTER                      Competition for the position of assistant professor at  
the Mechatronics Section of the Institute of Mechanics  
and Machine Design



*Please include following clause:*

*"In accordance with Article 6 (1) (a) of the General Data Protection Regulation of 27 April 2016 ( EU Journal of Laws L 119, of 04.05.2016) (GDPR) I hereby agree to the processing of personal data included in my job offer by the Gdańsk University of Technology (Politechnika Gdańska), ul. Narutowicza 11/12, 80-233 Gdańsk for the purposes required for recruitment."*

*In accordance with Article 13 of the General Data Protection Regulation of 27 April 2016 (EU Journal of Laws L 119, of 04.05.2016) (GDPR) we hereby inform that:*

- 1. The Data Controller presented in the job offer is Gdańsk University of Technology (Politechnika Gdańska), ul. Narutowicza 11/12, 80-233 Gdańsk (postal code: 80-233).*
  - 2. The Data Controller appointed the Data Protection Officer, who may be contacted via email address: – [dpo@pg.edu.pl](mailto:dpo@pg.edu.pl)*
  - 3. Your personal data will be processed for purposes related to servicing the Employer portal of Gdańsk University of Technology in accordance with Article 6 (1) (a) RODO (consent).*
  - 4. Your personal data will be stored until the recruitment process is completed or when employment is terminated. After this time your personal data will be archived and stored for the period of 10 years.*
  - 5. Granting the consent for data processing is voluntary but necessary for recruitment purposes.*
  - 6. The data provided will not be made available to third parties. The recipients of the data will only be institutions authorized by law.*
  - 7. You have the right to request access to the content of your data and the right to rectify, supplement, delete or limit processing, the right to data portability, the right to object to the processing, and the right to withdraw consent at any time. Moreover, you have the right to file a complaint with the supervisory authority in charge of personal data protection (i.e. the President of the Personal Data Protection Office).*
  - 8. Your data will not be subject to profiling.*
  - 9. The Data Controller will not transfer any personal data to a recipient in a third country or an international organization.*
- The contest may be closed without selecting a candidate.*
- We will contact the selected candidates.*
- All the documents sent will not be returned.*