POLITECHNIKA GDAŃSKA
WYDZIAŁ INŻYNIERII MECHANICZNEJ I OKRĘTOWNICTWA

UCZELNIA BADAWCZA
INICJATYWA DOSKONAŁOŚCI

REVIEW

on the educational and scientific program
"Applied mechanics"
For training of applicants for the third (Doctor of Philosophy) level of education
specialty 131 Applied Mechanics

Educational and scientific program of preparation of applicants for the third (Doctor of Philosophy) level of education of specialty 131 Applied mechanics was developed at Vinnytsia National Technical University and was reviewed at the University of Gdańsk University of Technology (Faculty of Mechanical Engineering and Ship Technology), which is a leading technical and scientific institution of Poland.

Purpose, content and conditions, expected learning outcomes, technology of implementation of the educational process and learning quality assessment tools for PhD in this specialty are defined in program. Employment graduates and academic mobility are also substantiated. The list of components of the educational and scientific program is given, their rational sequence which based on structural and logical schema is provided. Forms of certification are also described.

The educational and scientific program defines the purpose, expected learning outcomes, content, conditions and technology of implementation of the educational process, means of assessing the quality of training of PhD in this specialty.

The program is quite relevant and provides for the applicants a thorough educational training which based on theoretical and practical research of machines and mechanisms in combination with modern methods of computer modeling.

The set of main educational components provides a balanced and qualitative training of specialists who will have research skills for scientific and professional activity, will be able to solve complex problems in the field of professional, research and innovation, commercialization of the obtained results and teach special disciplines in the field of applied mechanics.

Based on our experience of teaching the specialists of the specified profile, we suggest adding to the mandatory conditions for admission to the dissertation defense publication of at least 1 scientific work in scientific journal of Journal Citation Reports list (JCR) or at least 3 publications in scientific journals included in the list of professional scientific publications of Ukraine. In addition, the program should include a declaration of equal access to education for all interested persons who meet the necessary requirements, regardless of gender, nationality or religion.

Faculty of Mechanical Engineering and Ship Technology (Gdańsk University of Technology) confirms that the educational and scientific program "Applied Mechanics" for teaching doctors of philosophy, which is developed at the Vinnytsia National Technical University meets the needs of training of scientific personnel, who are capable of solving complex scientific and technical problems in the field of applied mechanics and mechanical engineering.

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