



YILDIZ TECHNICAL UNIVERSITY

ISTANBUL/TURKEY

S.P.Timoshenko Institute of Mechanics
of National Academy of Science of Ukraine
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Professor Volodymyr Nazarenko
Acting Director

LETTER OF SUPPORT

of the educational and scientific program for the training of specialists
of the third level of higher education of the S.P. Timoshenko Institute
of Mechanics of the National Academy of Sciences of Ukraine

The educational and scientific program (ESP) in the specialty "Applied Mathematics" is aimed at training highly qualified scientific personnel capable of solving complex problems in the field of mechanics of deformable solids and theoretical mechanics. The program was created by specialists of the Institute of Mechanics of the NAS of Ukraine, one of the leading scientific institutions in Ukraine in this field, which has at its disposal experience, significant human resources, and a material and technical base to perform such a task.

The program provides that, as a result of their mastery, applicants for higher education will develop integral, general, and professional competencies in the fields of professional, research, and innovative activities in mechanics of deformable solids and theoretical mechanics. The content of the ESP fully corresponds to the subject area of the specified specialty. The educational part of the ESP consists of the main and elective components, for which 48 ECTS credits are provided. The curricula of the disciplines are developed with consideration of modern achievements and trends in mechanics, as well as the latest results of the Institute's leading scientists. The presence of free-choice disciplines in the elective block allows applicants to build their own educational trajectory. The implementation of the scientific and educational parts of the ESP takes place under the guidance of experienced specialists - doctors and candidates of sciences. All this provides postgraduate students with the opportunity to acquire



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the necessary professional knowledge and skills for independent scientific research and the presentation of results, which are essential for successful further professional activity in scientific institutions, higher education institutions, and enterprises.

Thus, it can be stated that the educational and scientific program of the S. P. Timoshenko Institute of Mechanics of the NAS of Ukraine is built based on international recommendations, the key requirements of which are the use of the European credit transfer system, transparent procedures for assessing learning outcomes, compliance of the program goals with the needs of stakeholders, a combination of education and own scientific research, academic mobility and academic integrity, and it fully meets the requirements for the training of candidates for the degree of Doctor of Philosophy.

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