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REVIEW

from Distinguished professor, d-r Krassimir Markov

Director of the Institute of Information Theories and Applications FOI ITHEA®

on PhD program "Applied Mathematics"

at Kharkiv National University of Radio Electronics

PhD program "Applied Mathematics", developed at the Kharkiv National University of Radio Electronics, is aimed at training specialists who are able to carry out scientific research, solve complex problems of applied mathematics and provide scientific and pedagogical activities.

The program is based on the results of modern scientific research in the field of applied mathematics and is aimed at current aspects of the specialty, within which a further scientific and teaching career is possible. In addition, an applicant enrolled in this educational program has the opportunity to deepen his knowledge in specific fields of applied mathematics due to selective disciplines that expand the opportunities for graduate students to form an individual educational trajectory.

The integration of science and business leads to the complication of professional tasks that need to be solved, and requires the involvement of not only software developers, but also research specialists in projects. The presence in the educational program of such disciplines as "Mathematical modeling in science and technology" and "Modern methods of data analysis", allows to prepare specialists who are equally competent in the application of classical methods of applied mathematics, and in solving the most common in modern business practice of problems related with the analysis and processing of large amounts of data.

The presence of elective disciplines in the specialty allows getting a specialist with in-depth knowledge in fields of applied mathematics that meet the modern labor market requirements. The list of components of the educational and scientific program is aimed at obtaining not only professional but also social skills, which in modern conditions are a guarantee of the beginning of a successful professional career. This makes this PhD program attractive for both higher education applicants and potential employers.

Based on the foregoing, I believe that PhD program "Applied Mathematics" is relevant and promising, meets the modern requirements for the training of scientific and pedagogical specialists in the field of applied mathematics, provides a set of specialist competencies and meets the requirements of employers.

Sofia, 17.09.2021

Director:



Prof. Dr. Krassimir Markov