

STATEMENT

On the documents submitted for participation in a competition for the academic position "Associate Professor" in the professional field 4.6. Informatics and Computer Science (Informatics) in the competition for "associate professor", announced in the State Gazette no. 57 / 26.06.2020 and on the website of the University of Plovdiv for the needs of the University of Plovdiv, as a candidate participates Chief Assistant Professor Silvia Nikolaeva Gaftandzhieva, PhD.

1. General descriptions of the procedure and some biographical notes

By order № P33-4709 of 25.09.2020 of the Rector of Plovdiv University "Paisii Hilendarski" (PU) I was appointed as a member of the scientific jury of a competition for the academic position of an "associate professor" in the field of higher education 4. Natural Sciences, Mathematics and Informatics, Professional Field 4.6 Informatics and Computer Science (Informatics), announced for the needs of the University of Plovdiv. The only candidate for participation in the announced competition has submitted documents Chief Assistant Dr. Silvia Nikolaeva Gaftandzhieva from the University of Plovdiv.

The set of documents on electronic media presented by Dr. Gaftandzhieva is in accordance with the Regulations for development of the academic staff of the University of Plovdiv, and includes all required documents.

I accept for review 34 scientific papers that have not been involved in previous procedures and are considered in the final evaluation, along with textbooks, teaching books and participation in 12 research projects. The distribution of scientific papers by relevant headings is as follows: in Bulgaria 18, and the rest abroad. The documents are well described and completed.

Silvia Gaftandzhieva has a PhD diploma in informatics with a dissertation title Model and system for dynamic quality assessment in higher education. Since October 2017, she has been working as a chief assistant at the University of Plovdiv, and before that she held the position of assistant for a period of 10 months. He has diverse teaching and research experience.

I do not know Dr. Silvia Gaftandzhieva personally.

2. General description of the applicant

Dr. Gaftandzhieva participates with a rich teaching activity in this competition. She has prepared lectures on Modern Web Technologies and Applications, OOP and programming (with examples of C++), Free software for education, E-learning systems, ICT in education, Moodle e-learning environments. She has conducted two doctoral courses. She maintains a list of disciplines

led by her in the electrical training system of PU. Dr. Gaftandzhieva actively works with university students.

The candidate offers 34 scientific papers, chapters of 2 collective monographs, one textbook and 17 electronic textbooks. The documents are sufficient to cover the minimum national requirements for “associated professor” in Professional Field 4.6 Informatics and Computer Science and at the same time the specific requirements of the FMI of the PU. Eleven publications are presented in collections and journals monitored by WoS and Scopus. Eight of the publications are with SJR. 13 citations were found in scientific papers in collections and journals observed by WoS and Scopus.

The following areas in which Dr. Gaftandzhieva works are outlined (with some important contributions):

- Computer models and systems for dynamic quality assessment (general model for dynamic accumulation and aggregation of data; approach to quality assessment in higher education);
- Intelligent analysis of training data (created models with a set of indicators to track learning outcomes);
- Models and systems for e-learning (accumulative frame model; information model for data extraction and aggregation and automation of e-learning tasks);
- Pedagogical and social design of e-learning (good practices for organizing training, creating e-resources, e-courses and e-textbooks).

I assess as well-founded the claims on the contributions formulated in this way by the candidate. On the base of two separation protocols I accept her author contributions in the monographs as indisputable.

3. Comments

I believe that the candidate has reached the necessary scientific competence to publish single-authored papers and those in journals with an impact factor in the scientific areas related to her scientific career.

CONCLUSIONS

The documents and materials submitted by Ch. Assistant Professor Dr. Silvia Gaftandzhieva cover all the requirements of the LDASRB, the Regulations for the implementation of LDASRB and the specific rules of PU.

The candidate in the competition has submitted a sufficient number of scientific papers not presented in previous scientific procedures. There are original scientific-applied and applied contributions, which have received international recognition. As a representative part of them have been published in journals and proceedings monitored by WoS and Scopus. The scientific and teaching qualification of Dr. Gaftandzhieva is indisputable.

The candidate, Silvia Gaftandzhieva, fully “covers” the required minimum scientometric indicators for “associated professor” in scientific field 4.6. Informatics and Computer Science.

After getting acquainted with the materials and scientific papers presented in the competition, analysis of their significance and contained in them scientific, scientific-applied and applied contributions, I find it reasonable to give my **positive evaluation** and recommend to the Scientific Jury to prepare a report-proposal to the Faculty Council of the Faculty of Mathematics and Informatics for election of Ch. Assistant Professor Dr. Silvia Nikolaeva Gaftandzhieva to the academic position of “Associate Professor” at the Paisii Hilendarski University of Plovdiv in the professional field 4.6. Informatics and Computer Science (Informatics).

05.11.2020 г.

Full Prof. Borislav Stoyanov PhD, DSci:

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