OPINION

on a competition for the occupation of an academic position "Associate Professor",

in professional field 4.6 Informatics and computer sciences

(Information technologies on the Internet)

for the needs of the „Paisii Hilendarski" University of Plovdiv,

Faculty of Mathematics and Informatics (FMI),

announced in State Gazette No. 39/05.05.2023

The opinion was prepared by: **Prof. Daniela Ananieva Orozova, PhD** - Trakia University, in my capacity as a member of the scientific jury for competition in professional field 4.6 Informatics and computer sciences (Information technologies on the Internet), according to Order No. РД -21-1599 / 31.07.2023 of the Rector of Plovdiv University.

Only one candidate submitted documents to participate in the announced competition: **Assist. Prof. Hristo Toshkov Hristov, PhD,** Department of Computer Technologies, Faculty of Mathematics and Informatics at Plovdiv University „Paisii Hilendarski".

1. **Application data**

The documents submitted by the candidate in the competition correspond to the requirements of the Development of Academic Staff Act in the Republic of Bulgaria (ADASRB) and the Regulation for application of ADASRB (Decree No. 26 of February 13, 2019) and Additional requirements for the academic position "Associate Professor" of the Faculty of Mathematics and Informatics.

Assist. Prof. Hristo Hristov, PhD meets the conditions of Art. 29(1).1 as he submitted the Diploma for the educational and scientific degree PhD - No. 1000209, dated 27.06.2016.

Assist. Prof. Hristo Hristov, PhD meets the conditions of Art. 29(1).2 because he works on a basic employment contract (with Rector's order No. P34-124/1.04.2013) in the Department of "Software Technologies" of the Faculty of Mathematics and Informatics at Plovdiv University "Paisiy Hilendarski" and has more than 6 years of experience as a "chief assistant" (Certificate No. RD-38-146/ 18.07.2023).

Assist. Prof. Hristo Hristov, PhD meets the conditions of Art. 29(1).3 because he presents four publications. in specialized scientific publications (total 108 points), as a habilitation thesis.

Assist. Prof. Hristo Hristov, PhD has submitted a list of 10 publications for participation in the competition indexed in the scientific databases Scopus/Web of Science, three of which are SJR without IF. All are in English and all co-authored.

The presented "List of observed citations" includes a total of 10 citations, indexed in Scopus/Web of Science (without self-citation).

Assist. Prof. Hristo Hristov, PhD has presented other original scientific research works, and other scientific and scientific-applied developments. Participation in 9 international, national and university scientific research and educational projects, 5 of which participate in the competition for the academic position of "associate professor".

Assist. Prof. Hristo Hristov, PhD meets the minimum national requirements for the occupation of an academic position "Associate Professor" in professional field 4.6 Informatics and computer sciences. According to the submitted documents, the candidate for the competition covers: 50 points by group of indicators A; 108 points by group of indicators B; 231 points by group of indicators G; 80 points by group of indicators D. Therefore, the minimum national requirements a from RIADAPRB for occupying the academic position "Associate Professor" in professional field 4.6. Informatics and computer science are covered. The additional requirements adopted by the Faculty Council of the Faculty of Mathematics and Informatics at the "Paisii Hilendarski" University of Plovdiv (Protocol No. 34 of 14.11.2018) have been met.

After a detailed review of the presented scientific works, I found that:

a) The scientific works meet the minimum national requirements (according to Article 2b, paragraphs 2 and 3 of the Development of Academic Staff Act in the Republic of Bulgaria) and respectively the additional requirements of the Plovdiv University „Paisii Hilendarski" for the academic position of "Associate Professor" in the scientific field and professional direction of the competition.

b) The scientific works presented by the candidate do not repeat those from previous procedures for acquiring a scientific title and academic position.

c) There is no evidence of plagiarism in the scientific works submitted for the competition.

2. Characteristics and assessment of the candidate's teaching activity

Assist. Prof. Hristo Hristov, PhD presented a report on classroom and extracurricular activity, according to which from 2008 to 2023 he leads bachelor's and master's classes in the disciplines: *Web design*, *Introduction to programming 1*, *Information technologies on the Internet*, *Web*

technologies, *Web programming 1*, *Design, styling and construction of web pages* , Introduction to Object Oriented Programming with Java, *Object Oriented Programming*, *Analysis, design and programming of software applications*, *Data Structures and Programming*, etc. He also participated in the creation, modernization and updating of the curricula of these disciplines.

A "Guide to Designing and Styling Web Pages with CSS GRID SYSTEM" has been released, designed to teach students studying *Web Design* and *Web Programming 1*.

He led a school for the development of talented students in informatics and IT in Veliko Tarnovo, Dimitrovgrad, Haskovo and Plovdiv.

Assist. Prof. Hristo Hristov, PhD enjoys authority among students and his colleagues.

3. Analysis of the scientific and applied scientific achievements contained in the materials for participation in the competition

The main contributions in the scientific publications presented by the candidate for participation in the competition can be grouped into the following thematic areas:

• Models and methods for designing and implementing software systems have been created [2, 4, 6, 9].

• Approaches to designing, modeling, and inspecting accessible web content are presented [8, 10, 12, 13].

• Problems of management and automation of application technologies in local networks and the Internet are studied [1, 11, 17].

• Analyzes, classifications and applications of Internet learning technologies and tools are made [3, 5, 7, 14].

I believe that [15, 16] have no connection to the documents for the competition.

4. Notes and recommendations

The documents show a successful and productive research activity of Assist. Prof. Hristo Hristov, PhD. I would recommend the candidate further independent publication activity.

5. Conclusion on the application

Having become acquainted with the materials and scientific works presented in the competition and on the basis of the analysis of their importance and the scientific and applied contributions contained therein, I confirm that the scientific achievements meet the requirements of the Development of Academic Staff Act in the Republic of Bulgaria, the Regulations for its

implementation and the corresponding Regulations of the Plovdiv University „Paisii Hilendarski"
for the position of the candidate in the academic position of "Associate Professor" in the scientific
field and professional direction of the competition.

I hereby state my **positive** assessment of the application of Assist. Prof. Hristo Toshkov
Hristov, PhD.

GENERAL CONCLUSION

Based on the above, I recommend the scientific jury to propose to the competent authority for
the selection of the Faculty of Mathematics and Informatics at the University of Plovdiv "Paisiy
Hilendarski" to choose Hristo Toshkov Hristov to occupy the academic position of "Associate
Professor" in the professional field 4.6. Informatics and Computer Science (Information
technologies on the Internet), scientific field 4. Natural Sciences, Mathematics and Informatics.

26.09.2023   Opinion prepared by: ....

(Prof. Daniela Orozova, PhD)