

## OPINION

by competition for the academic position of "Associate Professor"

in the field of higher education:	4. Natural sciences, mathematics and informatic
professional field:	4.6. Informatics and Computer science
specialty	Informatics (Systems, methods and tools for presentation and management of digital cultural and educational resources)
published in	State Gazette, issue no. 22/18.03.2022
for the needs of:	Telematics Laboratory - BAS
prepared by	<b>Prof. DSc. Ivan Ganchev Garvanov</b>
scientific jury member according to:	Order number № 110/17.05.2022 by the Director of IMI

Only one candidate submitted documents for participation in the announced competition:

**Asistant Professor PhD Liliya Radoslavova Pavlova**

### **1. ASSESSMENT FOR COMPLIANCE WITH MINIMUM NATIONAL REQUIREMENTS AND IMI-BAN REQUIREMENTS**

The candidate Asistant Professor Liliya Pavlova, Ph.D., participated in the competition for the academic position of "associate professor" with 27 publications, as follows: two book chapters and 25 scientific articles - all indexed in the Scopus and/or Web of Science databases. Ten of the publications in the competition are with SJR and/or IF, which fulfills the specific requirement of IMI-BAN for the presence of at least 5 such publications.

The attached scientific works were not used for the acquisition of the educational and scientific degree "doctor" and for occupying the academic position "Asis. prof." and are on the subject of the competition. From the submitted scientific works for participation in the competition, the fulfillment of Art. 53, para. 5.

Pursuant to the Law on the Development of the Academic Staff in the Republic of Bulgaria, the Regulations for its Implementation and the Regulations for the Specific Conditions for Acquiring Scientific Degrees and for Holding Academic Positions at IMI-BANS, the candidate for the academic position of "Associate Professor" is evaluated based on the performance of the conditions under Art. 53 and in accordance with the results of the inquiries under Art. 54, para. 1 of the Regulations for the implementation of the RSARB.

From the attached documents it can be seen that the candidate holds a Diploma for ONS

Doctor No. 359 dated 26.11.2013 from IMI-BAN, which satisfies Art. 53, para. 1. have acquired an educational and scientific degree "doctor".

From the presented resume and official note on work experience, from which it can be seen that the candidate has more than 10 years of work experience as "Ch. ass.", which satisfies Art. 53, para. 2. not less than two years: a) have held the academic position of "assistant", "assistant profesor", ...

From the certificate of fulfillment of the minimum national requirements and the minimum requirements of IMI-BAN, Art. 53, para. 3 and para. 4.

The fulfillment of the minimum national requirements for the groups of indicators for the academic position "docent" is as follows:

For group "A", the candidate submitted a copy of a diploma to prove the educational and scientific degree "doctor".

For group "B" – the candidate has submitted information on 6 publications indexed in Scopus and/or Web of Science and having IF and/or SJR, which forms a total of 124 points out of the required 100 points.

For group "D", the sum of the indicators from 5 to 10 forms a total of 282 points out of the required 220 points. These points are formed from the submitted 19 scientific papers indexed in Scopus and/or Web of Science and 2 are book chapters.

For group "D", the sum of points is 102 with a required 70 points. These points are obtained from 17 citations of 7 publications of the candidate.

For group "E", the sum of the indicators from 12 to the end forms a total of 50 points out of the required 20 points. These points are formed by: participation in a national scientific project (3 points) and participation in an international scientific project (1 point).

From the analysis made in this way, it was established that the presented evidence from Ch. assistant Dr. Lilia Radoslavova Pavlova significantly exceed the specified minimum national requirements set in ADASRB, the regulations of its application, as well as the specific requirements of IMI-BAS for occupying the academic position "associate professor" in PF 4.6. "Informatics and computer science".

When a check was made on 10.07.2022 about the scientometric indicators of the candidate in Scopus and Web of Science, the following was found:

The number of publications in Scopus is 38, the number of citations is 78 and the h-index is 5.

The number of publications in WoS is 18, the number of citations is 25 and the h-index is 2.

## **2. TEACHING ACTIVITY**

In 2017-2019, the candidate led lectures and exercises at the New Bulgarian University, Department of Informatics. During the period 1995-1999, she was a part-time teacher at Burgas

Free University, Department of Informatics, part-time teacher at the National Art Academy "N. Pavlovich", Faculty of Fine Arts during the period 2006 - 2015, incl. part-time teacher at the Training Center - BAS, 1999 - 2012.

### **3. SCIENTIFIC AND SCIENTIFIC-APPLIED CONTRIBUTIONS**

I accept the candidate's contributions as formulated, as they are in accordance with the subject of the announced competition and are supported by scientific publications.

Contributions can be summarized as: Contributions in the field of digital cultural content management systems and contributions in the field of modern information technologies in education.

### **4. CRITICAL NOTES AND RECOMMENDATIONS**

I allow myself to recommend to Assistant Professor Lilia Pavlova to become the scientific supervisor of doctoral students in order to pass on her rich scientific and teaching experience to the next generation of Bulgarian teachers and researchers. For better visibility and recognition of the candidate in the Internet space, I recommend that she create profiles in Google Scholar, ORCID, Reserchgate, Academia, etc.

### **5. CONCLUSION**

The scientific achievements of Assistant Professor Lilia Radoslavova Pavlova, Ph.D., meet the requirements of ADASRB, the regulations of its application, the Regulations on the terms and conditions for obtaining scientific degrees and for holding academic positions at BAS (in general) and particularly, at the Institute in Mathematics and Informatics at BAS. The candidate satisfies the minimum national requirements in the professional field and no plagiarism has been found in the scientific works submitted for the competition.

After getting acquainted with the materials and scientific works presented in the competition, analyzing their significance and the scientific, scientific-applied and applied contributions contained in them, I find it reasonable to give my positive assessment and recommend to the honorable Scientific Jury to propose to the Scientific Council of IMI-BAN to choose Assistant Professor Lilia Radoslavova Pavlova, Ph.D., to the academic position "Associate Professor" in professional field 4.6 "Informatics and Computer Sciences", specialty "Informatics (Systems, methods and tools for presentation and management of digital cultural and educational resources)".

11.07.2022

Signature .....

(Prof. Ivan Garvanov)