

## OPINION

by Prof. Ph.D. Daniela Ivanova Borisova  
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 professional field 4.6 Informatics and computer sciences  
 on the scientific works for participation in a competition for the academic position of  
 "Associate professor" in professional field 4.5. Mathematics (Higher Mathematics),  
 announced in State Gazette No 45/17.06.2022,  
 with a single candidate Chief Assistant Professor Stancho Vulkanov Pavlov, PhD

According to Order No. RD – 292 / 19.09.2022 of the Rector of the University "Prof. Dr. Asen Zlatarov" – Burgas, I am determined to be a member of the scientific jury according to the announced procedure and according to the protocol of the first meeting held on 4.10.2022, I have been appointed to prepare an opinion.

### 1. Assessment of compliance with the minimum national requirements and the requirements of the University "Prof. Dr. Asen Zlatarov" – Burgas

According to Art. 57a of the Regulations for the Implementation of the Academic Staff in the Republic of Bulgaria (respectively, Article 24 of the Law on the Development of the Academic Staff in the Republic of Bulgaria and the Regulations on the Conditions and Criteria for Acquiring Scientific Degrees and for Holding Academic Positions at the University "Prof. Dr. Asen Zlatarov" – Burgas), the members of the scientific jury evaluate the candidates for the academic position of "associate professor" according to the fulfillment of the conditions under Art. 53 and in accordance with the results of the inquiries under Art. 54, para. 1. The fulfillment of these conditions is shown in the following table:

Applicants for the academic position of "Associate Professor" must meet the following conditions:	Presented documents
Art. 53, para. 1 to have acquired an educational and scientific degree "Doctor"	Diploma for PdD No. 0154 of 30.04.2015 from Southwest University "Neofit Rilski" Blagoevgrad
Art. 53, para. 2 not less than two years: a) to have held the academic position of "assistant", "chief assistant", or b) to have been lecturers, including part-time, or members of a research team in the same or in another higher school or scientific organization, or c) have practiced artistic activity, or d) have been specialists in practice and have proven achievements in their field	Information for academic employment No. 2033/30.06.2022 from the University "Prof. Dr. Asen Zlatarov" – Burgas; Certificate No. 1737/28.06.2022 from the University "Prof. Dr. Asen Zlatarov" – Burgas; Submitted CV

Art. 53, para. 3 have submitted a published monographic work or equivalent publications in specialized scientific publications or evidence of corresponding artistic achievements in the field of arts, which do not repeat those presented for the acquisition of the educational and scientific degree "doctor" and for the acquisition of the scientific degree "doctor of the sciences".	Published monographic work
Art. 53, paragraph 4. to meet the relevant minimum national requirements and the requirements under Art. 1a, para. 2	Information of fulfillment of the minimum national requirements
Art. 53, paragraph 5. not have proven plagiarism in scientific works according to the law.	---

From the presented scientific works for participation in the competition, it is possible to identify the implementation of Art. 53, para. 5.

The fulfillment of the minimum points for the groups of indicators for the academic position "associate professor", according to the specific requirements of the University "Prof. Dr. Asen Zlatarov" – Burgas, as follows:

*Area 4. Natural sciences, mathematics and informatics,  
Professional field 4.5. Mathematics*

Group of indicators	Content	Associate professor (min. Points)	Presented by the candidate in the competition
A	Indicator 1	50	50
B	Indicator 2	--	--
C	Indicators 3 or 4	100	100
D	Sum of indicators from 5 to 10	300	282+25
E	Sum of points from indicator 11	100	180
F	Sum of the indicators from 12 to the end	100	220

For the indicators from group D, in addition to the submitted publications, the candidate has submitted proof of a registered patent in the Republic of Bulgaria, which carries an additional 25 points and the total number amounts to 307 points. For group F – the candidate has submitted information on published 4 university textbooks and 1 university textbook, as well as participation in 2 international scientific projects.

**2. Quantitative and qualitative evaluation of the presented scientific works for the competition about "Associate professor"**

Scopus, Web of Science and Google Scholar database reference show the following scientometric indicators for the candidate:

	Scopus	Web of Science	Google Scholar
h-index	1	2	2
Author documents	4	5	20
Citations	13	15	31

From the reference made in this way, it is established that the candidate satisfies the minimum national requirements for the guppy indicators and the requirements of the University "Prof. Dr. Asen Zlatarov" – Burgas.

### **3. Quantitative and qualitative assessment of the candidate's educational and teaching work**

From the presented references it can be seen that the teaching activity of Chief Assistant Professor Dr. Stancho Valkanov Pavlov is related with classroom courses for students, including foreign students. He is a lecturer and continues to teach courses such as: Higher Mathematics I, Higher Mathematics II, Mathematics, Applied Mathematics, etc. are conducted. Chief assistant professor Dr. Stancho Pavlov has 4 published university textbooks on the disciplines Higher Mathematics I, Higher Mathematics II, Higher Mathematics III, and Classical Curves and 1 university textbook that are used. Information about his participation in 2 international projects is presented.

It can be seen that the teaching and teaching activities of Chief assistant professor Dr. Stancho Pavlov directly corresponded with the topic of the announced competition for the academic position of "associate professor" in the field of prof. 4.5. Mathematics (Higher Mathematics).

### **4. Critical notes and recommendations**

My critical comments to the candidate refer to the poor structuring of the submitted documents by groups of indicators, which makes it difficult to review them. My recommendations Chief Assistant Professor Dr. Stancho Pavlov are related to the publication activity, and more specifically to the publication of more visible works in the world's databases.

### **5. Conclusion**

Taking into account the implementation of the regulatory requirements, according to the Law on the Development of the Academic Staff in the Republic of Bulgaria, the Regulations for its implementation, as well as the Regulations for the conditions and criteria for acquiring scientific degrees and for occupying academic positions at the University "Prof. Dr. Asen Zlatarov" – Burgas, it was established that the candidate fully meets the requirements for occupying the academic position under the announced competition. All this gives me sufficient reason to give a categorically positive assessment and I suggest that the scientific jury vote on a proposal to the Academic Council of the University "Prof. Dr. Asen Zlatarov" – Burgas to elect chief assistant professor Dr. Stancho Vulkanov Pavlov for the academic position of "associated professor" in professional direction 4.5. Mathematics (Higher Mathematics).

9.11.2022

Member of Scientific Jury ...

/prof. Daniela Borissova, D.Sc./