

OPINION

on a competition for the academic position "Associate Professor" professional field 4.6 "Informatics and Computer Science", scientific specialty "Informatics" (Systems, methods and means for presentation and management of digital cultural and educational resources) with a single candidate, Assist. Prof. Lilia Radoslavova Pavlova

by Prof. Radoslav D. Yoshinov

In connection with the procedure for the competition for the academic position "Associate Professor" in the professional field 4.6 "Informatics and Computer Science", scientific specialty "Informatics" (Systems, methods and means for presentation and management of digital cultural and educational resources), announced in the State Gazette no. 2014/ 22 of 18.03.2022 for the needs of the Laboratory of Telematics at BAS, by Order No 110/17.05.2022 of the Director of IMI-BAS and in accordance with Art. 4 of the Law on the Development of Academic Staff in the Republic of Bulgaria, Decree No26 of 19 February 2019, the Regulations on specific conditions for academic position in IMI-BAS I am appointed a member of the scientific jury.

For participation in the competition for the academic position "**Associate Professor**" professionally 4.6 "Informatics and Computer Science", scientific specialty "Informatics" (Systems, methods and means for presentation and management of digital cultural and educational resources) has submitted documents a single candidate, Assist. Prof. Lilia Radoslavova Pavlova from LT-BAS.

As a member of the Scientific Jury, I have received:

1. Order of the Director of IMI-BAS No110/17.05.2022 to conduct the competition for the academic position;
2. Rules of Procedure for acquiring scientific degrees and for holding academic positions at IMI-BAS;
3. Application for participation in the competition;
4. Copy of a diploma of higher education – master's degree;
5. Copy of the diploma of scientific and educational degree "Doctor";
6. Certificate of service;
7. Creative CV in European format;
8. Declaration of originality and reliability;
9. List and copies of all publications of Dr. Lily Radoslavova Pavlova;

10. List of the publications submitted for the competition by Dr. Lily Radoslavova Pavlova;
11. Author's report by Dr. Lily Radoslavova Pavlova;
12. List of quotes of Dr. Lily Radoslavova Pavlova;
13. State Gazette with the notice of competition;
14. Reference to other research activities (research and applied activity, training activity);
15. Reference according to the model for fulfillment of the minimum national requirements under Art. 2b, para 2 and 3, and the requirements under Art. 2b, para 5 of the Law on the Development of Academic Staff in the Republic of Bulgaria, as well as the minimum requirements of the Institute of Mathematics and Informatics – BAS (Annex 2.2);
16. Additional documents (medical certificate, criminal record certificate, model declaration (Appendix 3.2), etc.).

Note: all required documents in the competition were provided in electronic form.

At the first meeting of the Scientific Jury, I was chosen to write an opinion on the procedure.

The candidate, Dr. Lily Radoslavova Pavlova holds the educational degree "Doctor" since 2013, acquired at the Institute of Mathematics and Informatics – BAS (Diploma No000359/26.11.2013). Dr. Lily Radoslavova Pavlova has more than 10 years of professional experience as chief assistant professor of informatics at Telematics laboratory -BAS. She also worked as a senior assistant professor of informatics at New Bulgarian University.

Table showing compliance by points of the requirements of the IMI-BAS Regulations of IMI-BAS Minimum required points by group of indicators for acad. associate professor position and their respective implementation by the applicant. Dr. Lily Radoslavova Pavlova,

Candidates for the academic position "Associate Professor" must meet the following conditions:	Documents submitted
Art. 53, para. 1. have acquired an educational and scientific degree "Doctor"	Diploma for Doctor No 359 from 26.11.2013 from IMI-BAS
Art. 53, para. 2. not less than two years: (a) have held an academic position of assistant, chief assistant, or ...	Service note for work experience from LT-BAS

Art. 53, para. 3. have submitted published monographic work or equivalent publications in specialized scientific publications or evidence of relevant artistic achievements in the field of the arts, which do not repeat those presented for the acquisition of the educational and scientific degree "Doctor" and for the acquisition of a scientific degree "Doctor of Sciences".	Reference to the implementation of the minimum national requirements and minimum requirements of IMI-BAS
Art. 53, para. 4. meet the relevant minimum national requirements and the requirements of Art. 1a, para. 2	Reference to the implementation of the minimum national requirements and minimum requirements of IMI-BAS
Art. 53, para. 5. have no statutory plagiarism in scientific papers	---
Art. 54. para 1. The candidates shall submit a report on the fulfilment of the minimum national requirements and the requirements under Art. 1a, para. 2, as well as a reference to the original scientific contributions to which the relevant evidence is	Reference to the implementation of the minimum national requirements and a reference to the original scientific contributions

Scientific papers are accepted, which: 1) are not used for the acquisition of the educational and scientific degree "Doctor", 2) are on the subject of the competition and 3) meet the minimum national requirements under Art. 2b, para. 2 and 3, respectively, to the requirements of Art. 2b, para. 5 by ZRASRB.

From the scientific papers submitted for participation in the competition can be established the implementation of Art. 53, para. 5.

The implementation of the minimum points under the groups of indicators for the academic position "Associate Professor", according to the specific requirements of IMI-BAS, is as follows:

District 4. Natural Sciences, Mathematics and Informatics, Prof. Dr.Sc.(Econ.) direction 4.6. Informatics and Computer Science

Scoreboard of indicators	Content	Associate Professor (Min. Points)	Submitted by the candidate in the competition
But	Indicator 1	50	50
B	Indicator 2	--	--
In	Indicators 3 or 4	100	124
D	Sum of indicators 5 to 10	220	282
E	Indicator 11	70	102

Is	Sum of indicators from 12 to the end	20	50
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All of this proves that the candidate, Dr. Lily Radoslavova Pavlova fulfills (exceeds) all the requirements of Art. 29(1)1 of the IMI-BAS, as well as all additional requirements of the rules of IMI-BAS for participation in the competition.

General description of the presented materials of the competition.

For participation in the competition, Dr. Lily Radoslavova Pavlova, provided:

- 2 chapters of books,
- 5 publications in scientific journals,
- 20 publications in collections and papers at international conferences.

All 25 publications are indexed in the bases of Scopus or Web of Science. A total of 10 of the publications in the competition are with SJR and/or IF. Total: 27 scientific publications.

The report from the databases in Scopus and in the Web of Science of Dr. Lily Radoslavova Pavlova shows h-index 5 in Scopus, and h-index 3 in Web of Science.

Scientific and applied contributions of the applicant

Areas:

1. Systems for the management of digital cultural content and applications

Methods and means of creating, presenting and using content in digital libraries, analysis and retrieval of knowledge, digital reconstruction

2. Modern information technologies in training.

Create apps like serious games, digital theatre, storytelling in training.

Audience employment, participation in scientific projects and in the organisation of scientific forums

In 2017 – 2019, the candidate has led lectures and exercises at the New Bulgarian University, Department of Informatics. During the period 1995 – 1999 she was a lecturer at the Burgas Free University, Department of Informatics, head teacher at the National Academy of Arts "N. Pavlovic", Faculty of Fine Arts in the period 2006 – 2015, incl. lecturer at the Training Centre – BAS, 1999 – 2012.

Evidence of participation in 8 international scientific projects, as well as 9 scientific projects funded by sources external to BAS, are presented.

Critical Notes

It makes an impression on the very good organization and good quality of the candidate's materials, both as content and as shaping. Only a few minor technical inconsistencies and spelling errors are noted. All this does not diminish the large volume of research, scientific and scientific practical work of the candidate, shaping him as an established scientist.

Makes a pleasant impression of the relatively high quoteability in indexed publications. The scientific works presented are on the theme of the competition. They are in reputable scientific conferences or scientific journals.

I accept the distribution of the publications thus made on the two thematic strands presented by the applicant, although they flow into each other and no clear boundary can be drawn between them. It would be good to show the impact of these posts on more than one strand, as seen in their reading. This would show the interaction of the thematic strands presented in their dynamics and would more focus on the theme of the competition.

It is clear from the submitted documents that the applicant has already proven his/her teamwork opportunities (participant in international, national and university projects and collectives).

Conclusion

The requirements, conditions and criteria of the Law on the Development of Academic Staff in the Republic of Bulgaria , the Regulations for implementation of the LASRB and the Rules of Procedure for acquiring scientific degrees and for holding academic positions at IMI-BAS are fulfilled and I give a strongly positive conclusion for the selection of Dr. Dr. Lily Radoslavova Pavlova on competition for "Associate Professor" in professional field 4.6. Informatics and Computer Science.

By expressing a positive opinion on the submitted materials, I propose to the venerable Scientific Jury to unanimously vote on a proposal to the Scientific Council of IMI-BAS to choose Dr. Lily Radoslavova Pavlova of the academic position "Associate Professor" in the professional field 4.6 "Informatics and Computer Science", scientific specialty "Informatics" (Systems, methods and means for presentation and management of digital cultural and educational resources).

15.07.2022 Reviewer:

Radoslav Yoshinov