

O P I N I O N

in a competition for the academic position of "Associate Professor"
professional field 5.3 Communication and computer technology,
for the needs of the Distributed Information and Management Systems Section,
announced in SG no. 21 / 15.03.2022

Member of the Scientific Jury - Prof. Dr. Dimitar Nedelchev Karastoyanov, IICT-BAS,
Order 135 / 17.05.2022 of the Director of IICT-BAS

1. Brief biographical data

Elena Paunova Hubenova was born on May 11, 1983 in the town of Targovishte. He graduated in 2008 from the University of Chemical Technology and Metallurgy - Sofia with a degree in Semiconductor Materials and Technologies. In 2013 at IICT-BAS he defended his doctoral dissertation on "Design and development of electronic games for scholars as a web-based service."

2. General characteristics of the research and scientific-applied activity of the candidate

Documents from one candidate - Dr. Elena Paunova-Hubenova - have been submitted for the competition for "Associate Professor".

To participate in the competition, 26 publications were presented, 16 of which were published in SCOPUS or Web of Science, of which 5 were indexed with the SJR indicator. The presented publications did not participate in the acquisition of the doctoral degree and are entirely in the professional field of the competition. The minimum national requirements are fully met, as well as those in the Regulations of IICT - BAS for holding the position of "Associate Professor", most of which are exceeded. By categories they are as follows:

Indicators	Minimum Poins	Points of the Candidate
A	50	50
V	100	165
G	220	240
D	60	162
E	20	74

3. Main scientific and scientific-applied contributions

I accept the six contributions formulated by Dr. Elena Paunova-Hubenova with a predominantly scientific-applied character. I believe that they are the personal work of the

candidate. Here I will clarify that analysis alone is not enough to contribute. The candidate has also systematized, clarified the role of ICT, developed procedures. This is confirmed by the attached publications.

4. Significance of contributions to science and practice

Contributions are in the field of the application of ICT in education and educational games in schools. This topic became especially relevant in the COVID pandemic when moving to distance learning.

The contribution in the field of animal husbandry is also relevant, related to the monitoring of the parameters of many animals through sensors on the body of the animals.

5. Remarks and recommendations

I have no critical remarks about the candidate except for the editions of the scientific contributions. I would recommend that the description of the contributions be adjusted to be clearer in terms of the obtained results.

It is good to refine the bibliography of articles when a conference report is published in a journal.

The remarks made are of an editorial nature, do not reduce the results and do not affect the points obtained on various indicators.

6. Conclusion

All requirements of the Academic Staff Development Act in the Republic of Bulgaria, the Regulations for Implementation of the Academic Staff Development Act in the Republic of Bulgaria and the Regulations on Specific Conditions for Acquisition of Scientific Degrees and for Holding Academic Positions at IICT-BAS have been met.

I am convinced that Dr. Elena Paunova-Hubenova meets the requirements for the academic position of "Associate Professor".

I suggest that the esteemed scientific jury vote in favor and propose to the Scientific Council of IICT Dr. Elena Nikolaeva Paunova-Hubenova to be elected "Associate Professor" in the professional field 5.3. Communication and computer equipment.

Sofia

June 13, 2022

Member of

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