

OPINION

under the competition of academic title associate professor (docent)

by candidate d-r Georgi Gachev

In the Scientific field: 1. Pedagogical sciences,

Professional field: 1.3 Pedagogy of teaching of...(mathematics, informatics and information technologies”

The statement report has been prepared by: prof. Milen Petrov, FMI, SU, Department of software technologies as a member of the scientific jury for the defense of this PhD thesis according to Order № 4 / 14.01.2025 -of the Director of IMI-BAN.

1. General characteristics of the works and the presented materials

As a member of the scientific jury, I received the necessary documents in electronic form, including: 1. Application; 2. Curriculum vitae (CV); 3. Diplomas for higher education, 4. PhD diploma, and required lists with publications, citations, scientific works – text and resumes, list with MNR (minimal national requirements).

The documents comply with the regulatory requirements of both the RASRB and the Regulations for the Implementation of the RSARB of the Council of Ministers of the Republic of Bulgaria and that of the BAS and IMI-BAS, which gives me grounds to review the presented materials and works.

2. Short CV and personal impressions of the candidate

The candidate graduated in Sankt Peterburg state university in 1994.

In 2009 received PhD from Higher Commission of Attestation in field 01.01.12 “Informatics”.

3. General characteristics of the works and the presented materials

Presented materials contains 1 monographic work and 22 scientific publications – in proceedings of scientific conferences and scientific journals.

4. Content analysis of the scientific and applied achievements of the candidate, contained in the presented materials and the publications to it, included in the procedure

The contributions are in four categories – 1) Pedagogical research; 2) Research and development of new technologies in education; 3) Applied mathematics and informatics; 4) Development of educational software products. I accept the contributions as formulated by the candidate, in accordance with the attached reference.

5. Content analysis of the scientific and applied achievements of the candidate, contained in the presented materials and the publications to it, included in the procedure

According to the attached general list of 51 citations, 20 citations were provided for the competition. As a note here, I can note that in the general list of citations, they are given sequentially, while in the list for the competition, the articles are numbered for each cited article, making it difficult to count them in total.

The citations show the application of the candidate's results in the scientific literature.

6. Approbation of the results and minimal national requirements (MNR)

Covering minimum national requirements – dissertation 50 points, monographic work – 100 points.

Publication [11] according to numbering 7 of the list of publications is in SJR (Scopus):0.19, JCR-IF (Web of Science):0.11; article [12] JCR-IF (Web of Science):0.2; article [14] SJR (Scopus):0.19 Q4;

According to the publications in criteria category D-6: 8 of them are in WoS, 155 points are indicated. As two articles are in SCOPUS and WoS, , of which 3 are independent (30 points each), 3 with two co-authors (15 points each), and two with four co-authors (10 points each).

Articles and reports under item D-7 in non-refereed journals with scientific review, - in this category we have 5 publications with one co-author (10 points each), 4 publications with two co-authors (5 points each), 4 publications with three co-authors (3.3 points each), total 83.2.

In D-11, the points are 90, D-12 are 10 points, D-13 by 5 – 65 points; In item E-16 are 105 points, in item E-17 are 100 points, in E-18 are 30 points. E-20: 23 points.

Table 1. MNI criteria and points

Group	MNR points	Candidate points	Result
A	50	50	Covered
B	100	100	Covered

Г	220	238,2	Exceed
Д	70	165Т. (90+10+65)	exceed
Е	20	255Т.	Exceeds significantly

7. Critical notes and recommendations

No recommendations, materials are well presented.

8. Data and personal impressions about the candidate

I know candidate from his work at the Faculty of Mathematics and Informatics at Sofia University as a very good professional and collegial person. I do not know closely the scientific development and work of the candidate from the last 15 years, which I became acquainted with in connection with my participation as a member of the scientific jury in this competition and accordingly my opinion is based on the materials provided for participation in the competition.

9. Conclusion

After having familiarized myself with the materials submitted under the procedure and the accompanying scientific papers and based on the analysis of their significance and the scientific, applied and applied contributions contained therein, **I confirm** that the candidate's achievements meet the requirements of the Law on Higher Education and Research of the Republic of Bulgaria, as well as the relevant regulations for "associate professor" in the field of higher education 1. Pedagogical Sciences; professional field 1.3. "Pedagogy of education in...", In particular, the **candidate meets the minimum national requirements** in the professional field **and I am not aware of any plagiarism** established, in accordance with the statutory procedure, in the scientific papers submitted under the competition.

Based on the above, I propose to the scientific council, candidate dr. Georgi Gachev, to be elected as "associate professor" (docent) in the scientific field in the field of higher education 1. Pedagogical Sciences; professional field 1.3. "Pedagogy of Teaching in...", scientific specialty "Methodology of Teaching in Mathematics, Informatics and Information Technologies" (Didactic Models).

Date: 27.02.2025

Signature:
/prof. Milen Petrov/