

OPINION

by **Corr. Member Lyubka Atanasova Doukovska, DSc**
from the Institute of Information and Communication Technologies,
at the Bulgarian Academy of Sciences,
on the Competition for the academic position “**Professor**”,
under the Scientific Field: 4. Natural Sciences, Mathematics and Informatics,
the Professional Area: 4.6. Informatics and Computer Sciences,
the Scientific Specialty: “Informatics”,
for the needs of the Modelling and Optimization Department
of the Institute of Information and Communication Technologies - BAS,
announced in Darjaven Vestnik No. 103/12.12.2023

with a participant - **Associate Professor Tatiana Atanasova, PhD**

In accordance with Order No. 41/09.02.2024 of the Director of the Institute of Information and Communication Technologies - BAS, I was included in the Scientific Jury of the competition for occupation of the academic position “Professor” in the Scientific Field 4. Natural Sciences, Mathematics and Informatics, the Professional Area 4.6 Informatics and Computer Science, the Scientific Specialty “Informatics”, announced in the Darjaven Vestnik, Issue 103 of 12.12.2023, for the needs of the Modelling and Optimization Department at the Institute of Information and Communication Technologies - BAS, with the sole participant in the competition - Associate Professor Tatiana Atanasova, PhD.

Tatiana Atanasova was born on January 30, 1960 in Ukhta, Russia. She obtained the Master degree in 1983 at the Moscow Energy Institute. Since 1983, she has been appointed to a position at the BAS, having been consecutively in the composition of the

following institutes - Central Laboratory of Management Systems, Institute of Management and System Research, Institute of Information Technologies and Institute of Information and Communication Technologies. In 2003, she was appointed to the position of Associate professor at the Institute of Information Technologies and since 2010 she has held the same position at the Institute of Information and Communication Technologies at the BAS.

As a member of the Scientific Jury I have received all the necessary documents.

According to the requirements of the *Development of Academic Staff Act in the Republic of Bulgaria* and the specific requirements in the Act's Institutional Regulation, the candidates for occupying the academic position of "Professor" must meet the following conditions, regulated in Art. 29. (Darjaven Vestnik issue 81 of 2010 - Decision No. 11 of 05.10.2010 of the Constitutional Court of the Republic of Bulgaria under cadastral plot No. 13/2010; amend in full, issue 101 of 2010; amend. and supplement, issue 30 of 2018, effective 05.05.2018) (1):

1. Have acquired the educational and scientific PhD degree;
2. Have held the academic position of "Associate Professor" at the same or another higher education institution or scientific organization for at least two academic years or at least five years;
3. Have submitted published monographs or equivalent publications in specialized scientific editions that do not repeat the ones submitted for the PhD degree and for the academic position of "Associate Professor";
4. Have submitted other original research papers, publications, inventions and other scientific and applied developments that are evaluated as aggregate;
5. To comply with the minimum national requirements under Art. 2b, # 2 and # 3, respectively, of the requirements of art. 2b, # 5;
6. Not to have plagiarism proven in the statutory order in scientific works.

(3) Applicants shall submit a report on the fulfillment of the minimum national requirements under Art. 2b, # 2 and # 3, respectively, of the requirements of art. 2b, # 5, and a reference to the original scientific contributions, to which the relevant evidence set

out in this Act, in the regulation for its implementation, and the regulations of higher schools and scientific organizations.

Associate Professor Tatiana Atanasova fulfills the requirement of Art. 29 (1) item 1 of the *Development of Academic Staff Act in the Republic of Bulgaria*, because by a decision of the Presidium of the Higher Attestation Commission at the Council of Ministers of the Republic of Bulgaria, a diploma No. 27553 of 31.10.2001 was issued for the PhD degree.

Associate Professor Tatiana Atanasova also meets the requirement of Art. 29 (1) item 2 of the *Development of Academic Staff Act in the Republic of Bulgaria*, as she held the position of Associate Professor since 2003.

According to the information provided for the fulfillment of the minimum national requirements and the minimum requirements of Institute of Information and Communication Technologies - BAS by Associate Professor Tatiana Atanasova, she fully covers the minimum requirements for indicators A, C, D, E and E for the Scientific Field 4. Natural Sciences, Mathematics and Informatics, the Professional Area 4.6. Informatics and Computer Sciences, the Scientific Specialty "Informatics".

Associate Professor Tatiana Atanasova fulfills the requirement of Art. 29 (1) item 5 of the *Development of Academic Staff Act in the Republic of Bulgaria*, according to the certificate submitted by the applicant on the fulfillment of the minimum national requirements under Art. 2b, para. 2 and para. 3, according to the requirements under Art. 2b, para. 5.

Associate Professor Tatiana Atanasova fulfills the requirement of Art. 29 (1) item 6, having submitted a declaration that there is no legally proven plagiarism in the scientific publications presented at this competition.

To participate in the competition, Associate Professor Tatiana Atanasova submitted a list of 20 publications that are referenced in Scopus and/or Web of Science. From the analysis of the competition papers submitted by the applicant I can conclude that the peer-reviewed publications "do not repeat the ones submitted for the acquisition of the educational and scientific PhD degree and for the occupation of the academic

position Associate Professor”, in accordance with the requirements of Art. 29 (1), item 3 of the *Development of Academic Staff Act in the Republic of Bulgaria*.

For participation in the competition, Associate Professor Tatiana Atanasova has presented a list of 217 citations. It is important to note that citation publications have been noted, which have been indexed and referenced in Scopus and/or Web of Science editions, which also fulfills the specific conditions for acquiring academic degrees and occupying academic positions “Professor” in the Institute of Information and Communication Technologies - BAS.

I accept the contributions formulated by the applicant in the works with which Associate Professor Tatiana Atanasova participates in the competition, the results being scientific, scientifically applied and applied in nature and can be defined as enrichment of an existing scientific field with new knowledge.

In conclusion, I agree that the requirements of the Law for the *Development of Academic Staff Act in the Republic of Bulgaria* and the specific requirements in the Act’s Institutional Regulations for its implementation, the Rules for the conditions and the order for acquiring academic degrees and for the occupation of academic positions in BAS and the Rules for the specific conditions for acquisition of academic degrees and occupation of academic positions at the Institute of Information and Communication Technologies - BAS are accomplished. After getting acquainted with the materials submitted by the applicant for the competition, I give my positive estimation about the choice of **Associate Professor Tatiana Atanasova** in the competition for the academic position “**Professor**” for the needs of the Modelling and Optimization Department of the Institute of Information and Communication Technologies - BAS, in the Scientific Field 4. Natural Sciences, Mathematics and Informatics, the Professional Area 4.6. Informatics and Computer Sciences, the Scientific Specialty “Informatics”.

I propose that the Scientific Jury unanimously vote for a proposal to the Scientific Council of the Institute of Information and Communication Technologies - BAS, to elect **Associate Professor Tatiana Atanasova** for the academic position “**Professor**” in the

Scientific Field 4. Natural Sciences, Mathematics and Informatics, the Professional Area
4.6. Informatics and Computer Sciences, the Scientific Specialty "Informatics".

12.03.2024

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