

OPINION

**by Associate Professor Veselina Kuncheva Bureva, PhD,
“Prof. Dr. Assen Zlatarov” University – Burgas
on the documents submitted by
Senior Assistant Prof. Todor Petkov Petkov
for participation in the concourse for acquiring the academic position
“Associate Professor” in the field of higher education 5. Technical Sciences,
Professional field: 5.3. “Communication and Computer Technologies”,
scientific specialty “Systems with intelligent behavior”,
announced in the State Gazette, issue 70/ 20.08.2024
for the needs of “Prof. Dr. Assen Zlatarov” University**

1. General information about the candidate

Chief Assistant Professor Dr. Todor Petkov Petkov is the only candidate in the announced concourse. He was born on 15.03.1988. In 2012 he obtained a Master's Degree from the “Prof. Dr Assen Zlatarov” University, Burgas. He defended his dissertation for educational and scientific degree “Doctor” (PhD) entitled “Generalized net modelling of neural networks” at the “Prof. Dr Assen Zlatarov” University, Burgas. Starting in 2016 Dr. Todor Petkov Petkov has been an assistant professor, and since 20.02.2018 he has been a Senior Assistant Professor at the “Prof. Dr Assen Zlatarov” University, Burgas.

2. Description of the submitted materials

Chief Assistant Professor Dr. Todor Petkov Petkov participates in the competition for the academic position “Associate Professor” with 32 publications as follows:

- 11 publications (*Indicator V*) – 1 publication in quartile Q1, 3 publications in quartile Q2, and 1 publication in quartile Q4
- 21 publications referenced and indexed in world-renowned scientific information databases (*Indicator G*) as follows:
 - 6 publications in quartile Q4;
 - 9 publications with SJR
 - 6 publications in non-refereed journals with scientific review

The scientific publications are published in specialized journals, periodical academic issues and issues of scientific papers of international conferences held in the country and abroad. The number of authors the applicant's scientific manuscripts are divided as follows:

- single-authored -3;
- in collaboration -29.

The following documents are also presented: a document for work experience, references and evidence for fulfillment of the minimum requirements, list of publications and copies of scientific papers and additional materials.

Senior Assistant Professor Dr. Todor Petkov has presented information for 89 citations (*Indicator D*).

SCOPUS author citation report for the author contains information about 32 articles cited 135 (Excluding self citations of all authors: 114) with an h-index of 6.

3. General characteristics of the scientific and scientific-applied activities of the candidate

Table 1 contains information for the accomplishment of the basic indicators according to the Unified National Requirements, in compliance with the Regulation of the conditions of occupancy of an academic positions in "Prof. dr. Asen Zlatarov" University, Appendix No 1, defining the requirements of academic position "Associate Professor" on a field 5 Technical sciences.

Table 1 Report of the accomplishment of the basic indicators according to the Unified National Requirements

<i>Group of indicators</i>	<i>Minimal number of points</i>	<i>Points of the candidate</i>
<i>A</i>	50	50
<i>V</i>	100	102,08
<i>G</i>	300	309,84
<i>D</i>	100	890
<i>E</i>	100	120
<i>Total:</i>	650	1471,92

I accept the contributions, presented by Chief Assistant Professor Dr. Todor Petkov. The contributions can be divided in 4 fields:

1. Neural networks modelling and applications;
2. Predicting the properties of chemical compounds;
3. Use and modeling of intelligent methods for real processes;
4. Application of modern technologies in education.

According to the submitted by the candidate materials, he works actively in the research of the projects: he has worked on 13 projects - 2 national projects, 5 international project and 6 university projects.

The Chief Assistant Professor Dr. Todor Petkov has classes. A supervisor of 11 successfully graduated students.

I do not have critical remarks and I recommend that Senior Assistant Professor Dr Todor Petkov continue to conduct research and publish the results in a specialized books and textbooks.

4. Conclusion

I consider that the candidate meets the requirements for "Associate Profesor" of "Prof. Dr. Asen Zlatarov" University – Burgas. On the basis of familiarization with the submitted by the candidate materials on the competition, I propose Chief Assistant

Professor Dr. Todor Petkov be elected to occupy the academic position "Associate Professor" in the Professional field: 5.3. "Communication and Computer Technologies", scientific specialty "Systems with intelligent behavior".

07.01.2024

Burgas, Bulgaria

Signature: _____

(Assoc. Prof. Veselina Bureva, PhD)