

O P I N I O N

by competition for the occupation of an academic position "Associate Professor" in a professional direction 5.2. Electrical engineering, electronics and automation, specialty "Electrical supply and electrical equipment", announced in DV 97 / 21.11.2023

with candidate: Chief Assistant Eng. Mladen Antonov Proikov, PhD

Member of the scientific jury: Assoc. Prof. Eng. Orlin Lyubomirov Petrov, PhD, University of Ruse "Angel Kanchev" - Ruse

1. General characteristics of the candidate's scientific research and applied scientific activity

Submitted data of the candidate for the fulfillment of the minimum requirements for occupying the AD "Associate Professor" at the University "Prof. Dr. Asen Zlatarov" - Burgas:

<i>Group of indicators</i>	<i>Minimum number of points</i>	<i>Number of points of the candidate</i>	<i>Number of points by main indicators of a group</i>
A	50	50	Diploma No. TUV-NS-2018-107 / 12.09.2018 from TU-Varna by professional direction 5.2 "Electrical engineering, electronics and automation", scientific specialty "Electrical supply and electrical equipment"
B	100	100	B3. Habilitation thesis - monograph Reliability of power supply (theoretical foundations of reliability in power supply systems), 2023, "Prof. Dr. Asen Zlatarov" University, Burgas, pages 313, ISBN 978-619-7559-42-2, Authors: Mladen Proikov and Rumen Kirov
G	300	452,67	G7 – 8 scientific publications – 184,66 p. G8 – 21 scientific publications – 268,01 p.
D	100	164	D12 – 15 citations in publications that are referenced and indexed in world-renowned databases with scientific information – 150 p. D14 – 7 citations – 14 p.
E	100	100	E23 – 2 textbooks – 60 p. E24 – 2 teaching aids – 40 p.
Total	650	866,67	

The presented scientific publications are one monograph and 29 articles and reports. Of these, 27 are in English, and the remaining 2 in Bulgarian. Nine of the publications are independent, and the rest are co-authored, and in 11 of them the candidate is the first author, and in the rest he is the second, third or fourth author. Of all the publications, 8 are indexed and referenced in world-renowned databases of scientific information (Scopus platform).

According to indicator B, a scientific monograph is presented with two authors - chief assistant. Dr. Mladen Proikov and Assoc. Prof. Dr. Rumen Kirov and meeting the requirements for a monograph.

The scientific publications submitted for the competition do not repeat those announced in the abstract for the acquisition of the ONS "Doctor". I accept all submitted materials for review.

According to the ISBN number for the monograph presented in the materials, a textbook is registered in the register of the National Library. This inaccuracy should be corrected.

An inaccuracy was admitted when scoring the publications and citations:

- publications G7.2, G7.4, G7.5, G7.7, G7.8 are scored 30 points each, and in this indicator the points will be 20. This reduces the number of points in indicator G from 452.67 to 402.67;

- cited D14.1.1, D14.2.1, D14.2.2, D14.3.1, D14.4.1, D14.5.1, D14.6.1 are scored 2 points each. These citations should be in indicator D13 and scored 3 points, since they are published in conference proceedings. This will increase the D score from 164 to 171.

Taking into account the materials provided and the notes presented above, it is found that the presented points for all indicators are more than enough - 823.67 (after correction) with a minimum number of 650 points.

2. Assessment of the candidate's pedagogical training and activity

Ch. Assistant Dr. Mladen Proikov, holds academic positions at the University "Prof. Dr. Asen Zlatarov" - Burgas from 10.2014. From 10.2014 to 03.2019 he held the academic position of "Assistant", and from 04.2019 to the present moment he held the academic position of "Chief Assistant". His total teaching experience is more than 9 years.

From the presented reference for the schedule of lectures and exercises, it can be seen that in the last 3 years he has been assigned classes in the disciplines "Electrical Engineering and Electrical Measurements", "Theoretical Electrical Engineering" and others. for different specialties. On average, the annual horary of guided lessons is over 600 hours.

This is a reason to give a very high assessment of the candidate's pedagogical training and educational activities.

3. Basic scientific, scientific-applied and applied contributions

Chief Assistant Dr. Mladen Proikov, according to the attached "Author's reference for scientific contributions", the monograph and 29 publications, has formulated scientific, scientific-applied and applied contributions. They are formulated separately for indicators B and G. I evaluate them as follows:

Main contributions in the scientific monograph of Dr. Mladen Proikov (Indicator B3):

They are defined as scientific-applied - 7 items;

Main contributions in scientific publications, other than monographic work (Indicator G7 and G8):

5 main directions and a total of 24 contributions have been formulated, which I can classify as follows: Scientific – 4 items.; Scientific-applied – 9 items.; Applied – 11 items.

I agree with all the formulated contributions of the candidate Mladen Proikov for the academic position "Associate Professor" and I accept them without objection.

4. Significance of contributions to science and practice

The significance of the contributions to science is confirmed by the number of finding citations – 22 items, of which 15 are in publications that are referenced and indexed in world-renowned databases with scientific information (Scopus and Web of Science).

The significance of the contributions to the practice is confirmed by the attached report on participation in projects. The reference states that Ch. Assistant Proikov participated in 6 projects.

The participation of Chief Assistant Dr. Mladen Proikov in a number of national and international scientific forums, as well as in project teams, is proof of his very good performance in scientific circles at home and abroad.

5. Critical notes and recommendations

I have 2 main critical comments on the presented materials:

1. The presented monograph according to indicator B is registered in the register of the National Library as a textbook (the check was made according to the presented ISBN number). This inaccuracy should be corrected.
2. An inaccuracy was admitted in the scoring of the presented publications and citations. It should be corrected in the final version of the materials submitted to NACID, as it changes the total number of points of the candidate.

The materials of chief assistant Proikov are well designed and present in detail all the necessary information.

I recommend that part of the materials, of course after appropriate processing and formatting, be published in more prestigious international publications with an impact factor (IF).

CONCLUSION

The submitted materials for the competition comply with the requirements of the ZRASRB, PPZRASRB and the internal Regulations for the conditions and procedures for acquiring scientific degrees and occupying academic positions at "Prof. Dr. Asen Zlatarov" University - Burgas. They provide an opportunity for an accurate assessment of the qualities and achievements of the candidate chief assistant. Dr. Eng. Mladen Antonov Proikov, as well as confirm that he is a built scientist with proven potential in the field of the announced competition.

The requirements according to the national and institutional criteria for occupying the academic position "Associate Professor" have been fulfilled in all indicators. This gives me the reason to propose the chief assistant. Dr. Eng. Mladen Antonov Proikov to occupy the academic position "Associate Professor" in professional direction 5.2. Electrical engineering, electronics and automation, specialty "Electrical supply and electrical equipment".

08.04.2024

Member of the jury:

/Assoc. Prof. Orlin Petrov/