

# STANDPOINT

For the competition for the academic position "**Associate Professor**" with professional field **5.5 "Transport, Shipping and Aviation"**, scientific specialty "**Electric equipment of the ship**", in the department of "**Electrical Supply and Electrical Equipment**" at the EF of Technical University -Varna, announced in the State Newspaper, issue № 13/ 07.02.2023.

**with a candidate:** chief assistant professor PhD, eng Ginka Hristova Ivanova

**Chairman of the Scientific Jury:** associate professor, Phd. eng. Iionka Todorova Lilyanova, on the basis of order 275/27.04.2023 of the Rector of TU-Varna

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

The only candidate in the competition, chief assistant professor Phd.eng. Ginka Hristova Ivanova, is a lecturer in the Department of "Electrical Supply and Electrical Equipment" at the Faculty of Electrical Engineering of the Technical University-Varna.

In the competition, chief assistant professor Phd. Ivanova participated with 24 scientific articles.

<b>Indicator</b>	<b>Scientific works</b>	<b>Number</b>
<b>A.1.</b>	Dissertation for the award of the Educational Scientific Degree "PhD"	1
<b>B.4</b>	Habilitation thesis - scientific publications (not less than 10) in publications that are referenced and indexed in world-renowned databases with scientific information	10
<b>Г.7</b>	Scientific publication in publications that are referenced and indexed in world-renowned scientific information databases	5
<b>Г.8.</b>	Scientific publication in non-refereed peer-reviewed journals or in edited collective volumes	9

In the publications from indicator **B.4**, which are 10, in four of them the candidate is in first place, in four she is in second place, in the remaining two she is in third and fifth place. A total of 204 points with a minimum of 100 points required.

In the publications from indicator **Г.7**, which are 5, in four of them the candidate is an independent author, and in one she is in first place. In the publications from indicator **Г.8**, which are 9, in two of them the candidate is in first place, in three she is in second place, in three she is in third place and in one she is in fourth place. . From indicator **Г.8** for scientific publications in non-refereed peer-reviewed journals, I did not take into account the following 4 publications due to their mention in the documents for "Chief Assistan Professor"- Г.8.1, Г.8.2, Г.8.4 and Г.8.5. According to Indicator **Г**, the candidate collects a total of 218 points with a minimum of 200 points required.

As proof of the fulfillment of the minimum national requirements under the group of indicators "Д", PhD. Ivanova presents a list of 12 citations of a total of 5 articles, collecting 85 points with a minimum of 50 points required.

The scientific and applied activity of the candidate PhD. Ivanova is presented and confirmed by her participation in 4 scientific and research projects, specifically financed by the state budget for the period 2016-2023 and 1 project financed by the Research Institute (2018-2024).

Also presented is a contribution by PhD. Ivanova related to the development of the research base of TU Varna - laboratory 108 EF (in the field of electrical equipment of the ship), which also includes work on the equipment, according to the attached reference.

Information on the candidate's completed mobilities and participation in international scientific meetings is presented.

From the presented materials, it is clear that the minimum national requirements for the academic position "associate professor" have been met.

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

PhD. eng. Ginka Ivanova has over 9 years of teaching experience as an assistant and chief assistant professor in the department of "Electrical Supply and Electrical Equipment". As the chief assistant professor, she leads a lecture course and laboratory exercises in the disciplines "Operation of the ship's electronic and electrotechnical equipment" - part 1 and 2, "Installation, maintenance, diagnostics and repair of the ship's electrical equipment", "Electric equipment of the ship" etc. for full-time and part-time form in Educational and Scientific Degree "Bachelor", also "Control and diagnostics of marine electronic and electrotechnical equipment" and "Operation of the ship's electronic and electrotechnical equipment" for full-time and part-time form in the Educational and Scientific Degree "Master". Some of the lecture courses are for English language learning. According to the Rules of TU-Varna for meeting the requirements under indicator "Ж", a report has been submitted for a total of 570 hours of lectures for the last three years.

Information is presented on the candidate's participation in the compilation of study programs for some of the disciplines she leads.

References are presented for graduates led by the candidate, as well as for work with students on various projects under the Scientific Research Fund.

I believe that the pedagogical training and activities of PhD. Ginka Ivanova fully meet the requirements for holding the academic position "Associate Professor".

## **3. Basic scientific and scientific-applied contributions.**

PhD. eng. Ginka Ivanova presented a division of the contributions into scientific, scientific-applied and applied and methodical. They are specified in 5 directions. The contributions listed in detail refer to one or two of these directions. The mentioned contributions are in the works from all three groups B.4, Г.7 and Г.8. It is important to note that they are in two scientific areas - energy efficiency and electrical equipment of the ship.

From the summaries of the publications presented, it can be concluded that the majority of the contributions are of a scientific-applied and applied nature, despite claims of only scientific nature.

#### **4. Significance of contributions to science and practice.**

The contributions requested by the candidate are clearly formulated and classified in the scientific articles and reports presented by her, which have been presented at international and refereed scientific forums. They were achieved through real experiments. They are up-to-date and enrich the knowledge in the field of the scientific specialty. Therefore, I give a very good assessment of their significance for science and practice.

#### **5. Critical notes and recommendations.**

I do not have any significant criticisms of the candidate. I have the following recommendation:


- Since a large part of the publications are presented at scientific conferences in Bulgaria, I recommend the candidate to publish in reputable journals with an impact factor IF or an impact rank SJR.

#### **CONCLUSION**

From the presented materials, it follows that the normative requirements of the Law on the development of the academic staff in the Republic of Bulgaria, the Regulations for the terms and conditions for occupying academic positions in TU-Varna for the occupation of the academic position "Associate Professor" have been fulfilled.

Based on the acquaintance with the presented scientific works, their importance and the scientific-applied and applied contributions contained in them, I find it reasonable to propose PhD. Ginka Hristova Ivanova to occupy the academic position "Associate Professor" in the professional direction 5.5 "Transport, Shipping and Aviation", scientific specialty "Electrical equipment of the ship".

19.06.2023  
Varna

Report prepared by:  
Assoc. Prof. PhD. 

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