

STANDPOINT

by competition for an academic position „Associate Professor“ in the field of higher education 5. „**Technical sciences**“, professional field **5.5 "Transport, Shipping and Aviation"**, scientific specialty "**Electric equipment of the ship**", to the "ESEE" department at the EF of Technical University -Varna, Announced in the State Newspaper, issue № 13/ 07.02.2023 with a candidate: chief assistant professor Ph.D, eng Ginka Hristova Ivanova
Member of the scientific jury: Assoc. Prof.,Ph.D. eng. Ivaylo Yordanov Nedelchev

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

The only candidate for the announced competition is Ch. Assistant Ph.D. eng. Ginka Hristova Ivanova. The candidate has presented scientific works developed in two professional fields: 5.5 "Transport, shipping and aviation" and 5.2. "Electrical engineering, electronics and automation". According to the minimum requirements at TU-Varna for occupying the academic position "associate professor", they could be represented in the following groups:

- 1.1 Dissertation work developed in PF 5.2. "Electrical engineering, electronics and automation";
- 1.2 According to indicator V.4 - habilitation work - scientific publications in publications that are referenced and indexed in world-famous databases with scientific information - presented 10 works with which the candidate more than twice exceeds the requirement of 100 points according to this indicator in group V. Total points 204 ;
- 1.3 According to indicator G.7 - scientific publications in publications that are referenced and indexed in world-renowned databases with scientific information - 5 works presented, four of which the candidate is an independent author and one co-authored work. Total 180 points ;
- 1.4 According to indicator G.8 - scientific publications in non-refereed journals with scientific review or in edited collective volumes - presented 9 works in co-authorship, of which 4 publications are also mentioned in the employment documents of AP "Chief Assistan Professor", which will not be taken under attention. The total number of points according to indicator G.8 is 38. According to indicator in group G, the requirement of 200 points is also met.
- 1.5 According to indicator D.12 - Citations or reviews in scientific publications, referenced and indexed in world-famous databases with scientific information or in monographs and collective volumes, 7 citations are presented.
- 1.6 According to indicator D.13 - Citations in monographs and collective volumes with scientific review, 5 citations are presented.
- 1.7 In total, the candidate has 12 citations of 5 of his works, which collects 85 points according to the indicator in group D and covers the minimum requirement for the competition of 50 points.
- 1.8 For the last three years ch. assistant professor Ginka Ivanova has led courses of lectures in eight disciplines of the specialty "Electronic equipment of the ship", regular and part-time studies, with which she has repeatedly exceeded the required minimum number of points and according to indicator J.

The candidate participated in the modernization of the laboratory base at TU-Varna, as well as in projects under the Scientific Research Fund. There have been mobilities and participation in international scientific meetings. All this is a certificate of active activity in the scientific field in which he works. The presented scientific and teaching activity of the candidate is in the field of

the announced competition and the works on all groups of indicators prove the fulfillment of the criteria of the national minimum scientometric requirements, as well as those of TU-Varna.

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

Ch. Assistant Professor Ginka Ivanova is an established teacher in the "ESEE" department with over 9 years of experience as an assistant and chief assistant. Leads courses of lectures and laboratory exercises in four specialties: Electrical equipment of the ship, Electrical supply and electrical equipment of water transport, Marine machinery and mechanisms, Marine machinery and mechanisms (English-speaking students), full-time and part-time study for Bachelor's and Master's educational qualifications, in Bulgarian and English. He is involved in drawing up educational programs in the disciplines he leads. There are doctoral graduates and work with students on various topics within the framework of the Scientific Research Fund. The submitted references prove the applicant's active teaching and extracurricular activities.

3. Basic scientific and scientific-applied contributions.

In the attached reference, the applicant presents five contributions: 2 and 3 represent scientific contributions: formulating or justifying a new theory or hypothesis and proving with new means substantial new aspects of already existing scientific fields, problems, theories, hypotheses. Contributions 3, 4 and 5 of the attached reference are qualified as scientific and applied, and contributions 3 and 5 as applied and methodical. The received contributions are evenly balanced in the works from the two groups - B.4 - equivalent to a monographic work and group Г.7 and reflect the candidate's work in two scientific areas - energy efficiency and electrical equipment of the ship.

4. Significance of contributions to science and practice.

The candidate's contributions are clearly formulated and classified in the submitted scientific works. They reflect his work in his titular scientific direction. Reports and articles have been presented at international and refereed scientific forums. I give a very good assessment of the candidate's claimed contributions and scientific activity, as they have been achieved through real practical experiments.

5. Critical notes and recommendations.

I have no critical remarks. My recommendation to the candidate is to work with PhD students in order to be able to be transferred and further develop the accumulated scientific experience.

CONCLUSION

The submitted work of the candidate exactly and clearly reflects his scientific and teaching efforts. All the requirements of the Law on the development of academic staff of the Republic of Bulgaria for occupying the academic position "associate professor" have been met.

Based on the acquaintance with the presented scientific works and the contributions contained in them, I find it reasonable to propose Ph.D. eng. 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".

Date: 21.06.2023

MEMBER OF THE JURY:

/Assoc. prof. Ph.E

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