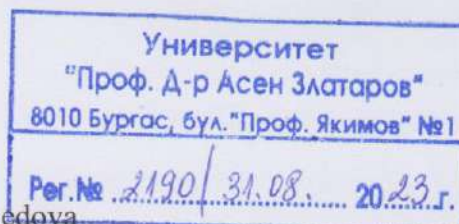


# OPINION

by Assoc. Prof. PhD. Sibel Ilhanova Ahmedova



*Scientific organization:* Technical University – Varna

*Faculty of Manufacturing Engineering and Tehnologies, Department of Industrial Management*

*Academic position:* "Assoc. prof.", scientific degree "PhD"

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**Regarding:** Participation in a competition for the occupation of an academic position "**Professor**" in the field of higher education 5. Technical sciences, professional direction 5.13. General engineering, scientific specialty 02.10.23 "Technology of natural and synthetic fuels", University "Prof. Dr. Asen Zlatarov" - Burgas, announced in the State Gazette, no. 42 of 12.05.2023 and on the University's website on 15.05.2023.

**Candidate for the competitive academic position "Associate Professor":**  
assoc. prof. PhD. Dobromir Ivanov Yordanov

**Basis for the opinion:** Order No. RD-181/27.06.2.23. of the Rector of the University "Prof. Dr. Asen Zlatarov" Burgas.

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

The scientific research and scientific-applied activity of the candidate Dobromir Ivanov Yordanov can be judged first place from the reference for the fulfillment of minimum national requirements for occupying the academic position "Professor" in the field of higher education 5. Technical sciences, professional direction - they have been fulfilled the minimum requirements (1555 points).

According to the presented list of scientific publications according to the requirements of PURPNSZAD, Associate Professor Dr. Dobromir Yordanov participated in the competition with one publication according to indicator 3, ten according to indicator 4, fifty-four according to indicator 7, twenty-two according to indicator 8, or a total of eighty-seven scientific works published in specialized scientific publications. From the above, it should be emphasized that the quantitative indicators for taking AD "Professor" have been significantly exceeded.

A reference for 50 citations is presented. The scientific works presented show that Dobromir Yordanov, PhD, is a leading specialist in the field of deep oil processing, alternative energy sources, engineering solutions in oil processing and quality control and management in chemical laboratories.

## **2. Assessment of the pedagogical preparation and activity of the candidate**

The candidate Dobromir Yordanov:

- ✓ has classes in different disciplines and some of them are: Quality Management, Industrial Technologies, Quality Control and Management in the Oil and Gas Industry, Determining the Quality of Excise Goods, Properties and Application of Oil, Gas and Oil Products and others;
- ✓ has classes with bachelor and master students;
- ✓ is a scientific leader of PhD candidates and other students;
- ✓ has enough classes (work load);
- ✓ shows the necessary pedagogical activity.

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

I accept the contributions presented in detail by the candidate Dobromir Ivanov Yordanov, Ph.D., in the document "Author's reference of the scientific works". I consider them to be the personal work of the candidate, as evidenced by the publications and citations in publications indexed in refereed databases. In their main part, they can be categorized into scientific and scientific-applied, proving essential new aspects of already existing scientific fields and problems.

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

The candidate's contributions are significant for science and practice and are essential for the development and enrichment of scientific research in the field of natural and synthetic fuel technology. I believe that the presented results of the scientific-teaching, scientific-research and scientific-applied activities of Associate Professor Dr. Dobromir Yordanov fully correspond to the quantitative indicators for occupying the academic position "Professor". The presented scientific works have the necessary scientific depth and fully meet the quality requirements for conducting scientific research and obtaining the relevant results. They are published in international authoritative journals and scientific forums, through which they are put to international scientific discussion, as well as disseminate the scientific views of the candidate to the international scientific community.

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

In my opinion, the competition materials should be better structured and their content should be more detailed and thus more correctly reflect the applicant's achievements. The materials presented in this way do not facilitate, but rather complicate the work of the members of the scientific jury for the competition. Also missing are personal declarations from the co-authors of the publications about the contributions of the individual members of the collectives to the published research. As a result, one can only tentatively assess the credibility of the presented reference, as well as the possibility of individual use of the published material in similar competitions by other co-authors. A declaration of data reliability and a declaration

of authorship (plagiarism) by the applicant were also not submitted. I recommend Dobromir Yordanov, Assoc. Ph.D., in his scientific development, to continue research in the chosen fields and to actively participate in teaching motilities with the aim of teaching under the Erasmus+ program.

## CONCLUSION

Based on the familiarization with the provided scientific works, their importance, the scientific, scientific-applied and applied contributions contained in them, I find it reasonable to propose the candidate Dobromir Yordanov, PhD, to occupy the academic position of "Professor" in the professional direction "5.13 General Engineering" in the subject "Technology of Natural and Synthetic Fuels", at the Department of "Industrial Technologies and Management" of the Faculty of Social Sciences, University "Prof. Dr. Asen Zlatarov" - Burgas.

Date: 31.08.2023

Member of the Scientific Jury:..

assoc. prof. PhD Sibel Ilhanova Ahmedova