

OPINION

by Prof. Iliya Nikolov Iliev, PhD,
University of Plovdiv “Paisii Hilendarski”

regarding the materials submitted for participating in the competition for occupying the academic position “Associated Professor” in University of Plovdiv “Paisii Hilendarski”,

in Area of higher education: 4. Natural Sciences, Mathematics and Informatics

Professional Field: 4. 1. Physical Sciences

(Electrical, magnetic and optical properties of the condensed matter)

Senior Assist. Prof. Dr. Ivan Panayotov Bodurov from University of Plovdiv “Paisii Hilendarski” participates as the only candidate in the “Associated Professor” competition proclaimed both in State Gazette no. 26, dated 26 June 2020 and in the University of Plovdiv “Paisii Hilendarski” website.

1. General overview of the procedure and the candidate

The set of materials presented by Senior Assist. Prof. Ivan Bodurov (in electronic form) is in accordance with the Law on the Development of the Academic Staff in the Republic of Bulgaria and the Development of Academic Staff Regulation in the University of Plovdiv “Paisii Hilendarski” and includes all necessary documents for participating in the competition.

The materials presented for participation in the competition for the academic position of ‘Associate Professor’ include 43 scientific publications in referenced scientific journals, which are not included the scientific publications for obtaining the educational and scientific degree ‘Doctor’. The materials for participation in the competition for the academic position of ‘Associate Professor’ also include 1 textbook, 1 guide for laboratory exercises and 3 utility model registration certificates, which are the result of the scientific activity of the candidate after the academic position ‘Senior Assistant Professor’.

Senior Assist. Prof. Ivan Bodurov has been an Senior Assistant Professor at University of Plovdiv “Paisii Hilendarski” for 4 years.

The scientific activities presented by Senior. Assist. Prof. Ivan Bodurov fully comply with the national minimum requirements for professional field 4. 1. Physical Sciences.

For criterion A (min. 50 p.) - 50 points

In 2013 he defended his doctoral dissertation on “Investigation of optical and holographic properties of nanostructures treated in the corona discharge” in scientific speciality Physics of the wave processes.

For criterion B (min. 100 p.) - 100 points

An equivalent number of publications covering the points for habilitation work are presented.

For criterion Г (min. 200 p.) – 422 points

For criterion Д (min. 50 p.) – 90 points

45 citations from the Web of Science and Scopus databases are presented.

2. General characteristics of the activity of candidate

Senior Assist. Professor Dr. Ivan Bodurov has a very active and diverse activity both in scientific research and in the training of students.

Scientific and applied activities

The scientific publications and developments of Senior Assistant Professor Ivan Panayotov Bodurov, Ph. D. are in the field of optics, physics of condensed matter and applied aspects of physics are considered. The scientific researches, reflected in the presented publications, are mainly related to the application of physical methods for qualitative and quantitative determination of physico-chemical parameters of the studied structures - nano-structured multilayer polymer films. Refractometric methods have been developed for food products - honey, olive oil and various sweeteners.

Teaching and participation in funded contracts

Senior Assistant Professor Dr. Ivan Bodurov has 6 years of experience as a lecturer at the Faculty of Physics and Technology of Plovdiv University. The candidate's academic work is related to students from different specialties of FTF and includes lecture courses and la-

laboratory exercises (practical exercises). He has independently developed 3 lecture courses, which are designed for students of physical and engineering specialties of the faculty. Participates in the competition with 1 textbook and 1 manual for laboratory exercises. After 2015, he was the research supervisor of 7 successfully defended graduates.

The candidate has participated in 14 research projects. 5 projects at national level and 9 to the NPD division of Paisii Hilendarski University of Plovdiv.

CONCLUSION

The documents and materials presented by Senior Assist. Prof. Ivan Panayotov Bodurov, PhD, meet all the requirements of the Law on the Development of the Academic Staff in the Republic of Bulgaria, as well as the Specific additional requirements of the University of Plovdiv as publications and scientific activities exceeding the minimum national requirements for occupying the academic position “Associated Professor”. The candidate’s works contain original scientific and applied contributions that have received international recognition through their publication in journals and scientific publications published by international academic publishers. Undoubtedly, the very active teaching activity of Senior Assist. Prof. Ivan Bodurov should be added. On the basis of all this, I wholeheartedly support the candidacy of Senior Assistant Professor Ivan Panayotov Bodurov, PhD, for the academic position “Associated Professor” at the University of Plovdiv “Paisii Hilendarski”.

20.10.2020 г.

Opinion issued by:

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