

REVIEW

by Assoc. Prof. Dr. Eng. Pencho Angelov Stoychev

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of the materials presented for participation in a competition for the obtaining of the academic position “ associate professor ” in the field of higher education - 5. Technical sciences, professional field - 5.13. General engineering (Engineering logistics)

The competition for the academic position of "Associate Professor" has been announced in the State Gazette issue 12/12.02.2021 г. In the announced competition for the needs of the Department of Engineering Logistics at the Faculty of Technical Sciences of the University of Shumen "Bishop Konstantin Preslavski", the only candidate is Ch. Assistant Professor Stefan Marinov Kazakov, Ph.D.

The opinion was prepared on the basis of Order № RD-16-037 / 06.04.2021 of the Rector of the University of Shumen "Bishop Konstantin Preslavski" and Protocol №1 / 20.04.2021 of the Scientific Jury for conducting the competition.

1. General description of the submitted materials

To participate in the competition, the candidate has submitted a list of the titles of 1 monograph (Network approach in systematization of information flows in logistics, UE SHU, 2020), 14 scientific publications in unreferred journals with scientific review or edited collective volumes and 1 textbook in the discipline "Information Technology", reference for citations, taught disciplines and a list of participation in 4 research projects, of which 1 national and 3 university.

The presented publications fully cover the professional field 5.13 General Engineering (Engineering Logistics).

Of the peer-reviewed scientific papers, 8 are independent and 6 are co-authored, as in twelve of the cases he is the first author, in one publication he is second and in one - third.

To participate in the competition, the candidate has submitted a list of 13

citations in monographs and collective volumes with scientific review (13.1 - 13.13) and 6 citations in unrefereed journals with scientific review (14.1 - 14.6). As a result of publishing activity and the respective reflection by citing other authors, it can be concluded that it is known to the scientific community.

Chief Assistant Dr. Stefan Kazakov with the achieved 414.34 points fully covers the minimum national requirements of 400 points for the academic position of "Associate Professor" in the field of "Technical Sciences" (Article 2b of the Law on Scientific Research).

2. Impact of the candidate's scientific publications on the scientific community

The candidate for the academic position "Associate Professor" Ch. Assistant Professor Dr. Eng. Stefan Marinov Kazakov has 5 years of teaching activity at the University of Sofia "Bishop Konstantin Preslavski" in 4 disciplines.

The candidate has participated in the preparation of curricula in 3 disciplines. He has also prepared a Methodology for conducting and evaluating students in the disciplines "Production Workshop - Part I". For the competition he participates with a textbook in the discipline "Information Technology".

The candidate is an academic mentor under Project BG05M2OP001-2.013-0001 of the Ministry of Education and Science "Student Internships - Phase 2".

3. Scientific contributions

I accept the contributions formulated by the author regarding the publications with which he participates in the competition for associate professor. They have a scientific and applied nature and can be summarized in the following three areas:

3.1. Standards for LAN construction

Publications 1 and 9 of the List of Publications for Participation in the Competition present an analysis of the types of LANs and the resources they represent, the way in which they are physically and logically interconnected.

3.2. Analysis of LAN structures

Publications 7, 11, 12 and 13 present a classification of tools for monitoring and analyzing information flows. A collision handling algorithm is presented, which is tested by a software product.

3.3. Research and analysis of errors and collisions in systematization of information flows in logistics

Publications 11, 12, 13 and 14 present the theoretical analysis that makes it possible to show the efficiency of local logistics networks. It has been established that with the increase of the number of communicating computers and with the development of the structure of two or more levels of the local network the probability of collisions between the communicating computers increases.

I accept all research papers proposed for review, as they correspond sufficiently to the content and subject area of the competition and reflect to the necessary extent the creative and pedagogical activity of Ch. Assistant Professor Dr. Eng. Stefan Kazakov.

4. 4. Contributions (scientific, applied scientific, applied). Significance of the contributions to science and practice

Based on the analysis of the works submitted to me for review, I make a recommendation to Ch. Prof. Dr. Eng. Stefan Kazakov to deepen his work with graduates, PhD students and young scientists in order to create a team with the capacity to obtain even more significant results.

Conciusion

Based on my extensive acquaintance with the presented scientific papers by the candidate Ch. Assistant Professor Stefan Marinov Kazakov, PhD, the contributions contained in them, as well as on the basis of all other presented achievements in educational activities and the comparison with ZRASRB, I believe that he is an established scientist and researcher in the field of engineering logistics, I give a positive assessment of the candidate and **propose Ch. Assistant Professor Dr. Eng. Stefan Marinov Kazakov to be elected for the academic position "Associate Professor" in the Department of Engineering Logistics, Faculty of Technical Sciences, University of Shumen "Bishop Konstantin Preslavski" in the field of**

higher education: 5. Technical sciences, professional direction 5.13. General engineering / Engineering logistics /

07.05.2021 г.

Reviewer:



/ Assoc. Prof. Dr. Eng. Pencho Angelov Stoychev /