

OPINION

from Assoc. Professor PhD Leoneed Mihaylov Kirilov
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regarding materials submitted for participation in a competition
for occupying the academic position of professor at IIKT - BAS in professional
direction 4.6 Informatics and computer sciences, scientific specialty "Informatics".

According to order No. 115/04.05.2022 of the director of IICT - BAS, I have been confirmed as a member of the scientific jury for a competition for a professor, announced in the State Gazette (issue 21/15.03.2022.). Documents for participation in the competition were submitted by PhD Vasil Georgiev Guliashki, Associate Professor

Assoc. Prof. PhD Vasil Guliashki graduated from the Higher Mechanical and Electrical Engineering Institute "V. I. Lenin" (now Technical University - Sofia), Faculty of "Automatics", specialty: "Automatics and Systems Engineering". In 1994, he defended a thesis for the award of the scientific and educational degree "Doctor of Philosophy" (Candidate of Technical Sciences). Assoc. Prof. Vassil Guliashki has specializations in Germany under DAAD in 2002 for 2 months and in Canada under NATO in 2006 for 1 month.

Description of the presented materials

The materials presented by Assoc. Prof. PhD Vasil Georgiev Gulyashki were prepared in accordance with ZRAS, PPZRAS, with the specific requirements of the regulations of the BAS and IIKT - BAS. The following documents have been submitted: application for admission to participation in the competition; a European-style resume; copy of diploma for the educational and scientific degree "doctor of philosophy"; certificate of work experience in the specialty; list of scientific publications for participation in the competition; list of citations; summaries of the attached scientific publications in Bulgarian and English; copies of the attached scientific publications; certificate of fulfillment of the minimum requirements of IICT; certificate of originality of scientific and scientific-applied contributions; declaration of absence of plagiarism in scientific works according to the law.

Assoc. Prof. Vasil Gulyashki has presented 21 scientific papers for the period 2008-2021. Of these, only one is in Bulgarian, namely a co-authored monograph, and the rest are in English - articles and book chapters and one co-authored book. Of the attached works, 15 are in Scopus, 2 in Web of Knowledge, 1 in ACM, 1 chapter of a book published by IGI Global publishing house, 1 collective monograph published by Lambert publishing house and one collective monograph published by Obrazovanie Publishing House, Bulgaria.

The reference for the fulfillment of the minimum requirements for the academic position "professor" contains the necessary data on points A, B, D, D and E.

Characteristics of the applicant's activity

Assoc. Prof. Vasil Gulyashki is an established scientist in the field of Discrete Optimization, Numerical Algorithms and Software Systems. In addition to his research activities, he also has experience in teaching. There are about 200 hours of lectures delivered as a guest professor in various programs such as CEEPUS, ERASMUS + and others. He also has experience in leading and managing research projects. He is the head of several projects of the Scientific Research Fund, the head of an international CEEPUS project, as well as participation in a number of other research and applied projects. He is the supervisor of a one successfully defended PhD student.

Scientific and scientific-applied contributions

The presented contributions of Assoc. Prof. Vasil Gulyashki correspond to the scientific direction 4.6 Informatics and computer sciences, in which direction the competition is announced.

The main directions of applied scientific works are as follows:

- I. Optimal design and implementation of technical systems
- II. Formulation of models, development of methods, algorithms and approaches for multi-criteria optimization.
- III. Formulation of models, development of methods, algorithms and approaches for single-criteria optimization.

I accept this classification.

I have no critical comments on the attached materials.

I have known Associate Professor Vasil Gulyashki since 1989, when he entered the Institute of Technical Cybernetics and Robotics - BAS. I can say that he is a very capable and successful scientist who respects academic ethics and has a sense of responsibility.

Conclusion

After analyzing the submitted materials for the competition, evaluating the presented scientific works and the scientific and scientific-applied contributions, I accept that the requirements of the Law on the Development of the Academic Staff in the Republic of Bulgaria (ZRASRB), and the Regulations for its implementation, and the Regulations of IICT - BAS for implementation of the law on the development of the academic staff in the Republic of Bulgaria are met.

I give a positive assessment for the acquisition of the academic position of "professor" at IICT - BAS to Assoc. Dr. Vasil Georgiev Gulyashki.

I recommend to the respected Scientific Council of IICT - BAS to award the academic position of "professor" to Assoc. Prof. PhD Vasil Georgiev Gulyashki in the scientific field: 4. Natural sciences, mathematics and informatics, Professional direction: 4.6 Informatics and computer sciences, specialty Informatics.

30.06.2022 г.

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