

SHORT REVIEW

by Prof. Stanimir Nedyalkov Stoyanov, PhD

about the materials submitted for participation in the competition

for the academic position of 'Professor' at the Sofia University "Kliment Ohridski"

higher education field 4. Natural sciences, Mathematics and Informatics,

professional direction 4.6 Informatics and Computer Science

(Electronic management and electronic business - in Bulgarian and English)

In the 'professor' application, announced in the State Gazette, issue 86 from 13.10. 2023 for the needs of the Faculty of Economics and Business Administration, as a candidate participates Assoc. Prof. Kamen Boyanov Spassov, PhD, from the Faculty of Economics and Business Administration at the Sofia University.

By order № ПД-38-622 of 20.11.2023 of the Rector of the SU I was appointed a member of the scientific jury in an application for the academic position of 'professor' at SU in the higher education field 4. Natural Sciences, Mathematics and Informatics, professional direction 4.6 Informatics and Computer Science (Electronic management and electronic business - in Bulgarian and English).

1. General presentation of the received materials

The only candidate in the announced application is Assoc. Prof. Kamen Boyanov Spassov, PhD, from the Faculty of Economics and Business Administration at the Sofia University. The set of materials presented by the candidate is in accordance with the Regulations for the development of the academic staff of the Sofia University

For the application, the candidate has submitted a total of 21 scientific papers, of which 7 are referenced in WoS, 9 are referenced in Scopus, 3 book chapters and collective monograph and 2 учебни пособия. All publications are in English and co-authored. With the exception of three, the publications are in English and co-authored. I accept for review the publications submitted for participation in the competition. Documents for participation in a number of international and national research projects as leader and participant are also presented.

2. Brief biographical data of the applicant

In 1992, Associate Professor Kamen Spassov, PhD defended his thesis at the HTMU. He is currently an associate professor at the SF at the SU. He was the director of various master's programs at FMI and SF at the SU. He has held various administrative positions, including Deputy Minister of Transport, Information Technology and Communications.

3. General characteristics of the applicant's activity

As far as I can orient myself in the reference for the candidate's classroom employment, I see that in recent years it has significantly exceeded the norm. Associate Professor Kamen Spassov, PhD is the supervisor of three doctoral students. Accepting the statements in the author's reference, I would summarize the candidate's contributions in the directions as presented below.

Theory and applied aspects of e-governance. The results of research on this topic are summarized in publications (No. 3.1, 1.7, 2.7, 2.9, 1.4, 1.6, 2.1). A service-oriented e-governance architecture is considered, an administrative information system is presented in detail, and a unified environment for the exchange of electronic documents is defined. A brief review and comparative analysis of achievements in the field of e-government in Bulgaria for the period 2000-2008 compared to other countries with economies in transition is presented. Various practical developments related to e-governance are presented, such as a prototype of an integrated e-health system, a municipal e-governance system, an open administration e-governance system, a pilot system for electronic biometric identification using fingerprints .

E-governance on the Internet and social networks and training in e-governance and e-business. The results in this direction are summarized in the articles (No. 1.5, 3.2, 2.4, 2.5, 3.3). The presence of 264 municipalities in Bulgaria on Facebook and on the websites of 203 administrative structures at the central, regional and local level was studied. Research methodology was also developed and a specialized web-based platform was created for data collection and visualization. Added data for several municipalities in Albania. By analogy with the research on the websites and pages in the social networks of the state administration and municipalities in Bulgaria, research was conducted on the web sites of urban agglomerations in Ghana. Hundreds of students have been trained in the master's programs "E-business and e-management" and "e-Business with training in English". Selected summaries of their theses have been published.

Others. The results of conducted research related to various aspects of information security in the construction of electronic management systems are discussed in the articles (No. 2.2, 2.3, 1.7). A new algorithm for computing optimal electric bus trajectories for fulfilling on-demand public transport requests in a smart city environment is presented, and concepts used to develop an on-demand public transport platform for route optimization are presented.

Summarizing, I want to emphasize that the publications present significant results in terms of originality and innovation, with a certain scientific and practical contribution. I believe that all submitted scientific works are from the field of the competition and that the articles submitted for the competition have been published in reputable publications, which makes the scientific activity of the candidate in the professional field of the competition internationally recognizable. Confirmation of my finding is also the invitations of Kamen Spassov to be a lecturer in Bulgarian and foreign

universities, as well as to participate in various working groups. We noticed a total of 23 citations, of which 9 were in articles referenced and indexed in Scopus and WoS.

4. Evaluation of the candidate's personal contribution

From the documents submitted for participation in the competition, I am convinced of the personal merit of the candidate in the contributions presented in the publications. I think that the publications, although co-authored, undoubtedly include a substantial contribution by the candidate.

CONCLUSION

The documents and materials applied by Assoc. Prof. Kamen Spassov, PhD, meet all the requirements of the Law and the Regulations on the Development of Academic Staff in the Republic of Bulgaria and the relevant Regulations of the Sofia University "Kliment Ohridski". The applicant has submitted a sufficient number of scientific papers, apart from those used in the defense of her PhD thesis and her application for the position of an Assoc. Professor. The applicant demonstrates original scientific and applied contributions, which have enjoyed international recognition, and a representative part of them are published in conference proceedings and approved scientific journals. The applicant's theoretical results have practical applicability, as some of them are directly oriented to education. The scientific and teaching qualification of Assoc. Prof. Kamen Spassov, PhD, is undoubted. The candidate's teaching and research achievements fully comply with the specific requirements of the Faculty of Economics and Business Administration. After becoming acquainted with the materials and scientific works presented in the application and analyzing their significance and scientific, scientific-applied, and applied contributions, I find it reasonable to give my positive assessment and recommend to the Scientific Jury to propose to The Faculty Council of the Faculty of Economics and Business Administration to elect Assoc. Prof. Kamen Boyanov Spassov, PhD, for the academic position of 'Professor' at the Sofia University in professional direction 4.6 Informatics and Computer Science (Electronic management and electronic business - in Bulgarian and English).

30.12.2022

Reviewer:

(Prof. Stanimir Stoyanov)