



## REVIEW

By prof. Dr. Julian Andreev Vasilev,  
University of Economics – Varna,

Professor at PN 4.6 "Informatics and Computer Science", validated in the  
register of academic staff of NACID

"Habilitation persons with scientific indicators";

Member of the Scientific Jury for **the academic position of "Professor"** in a  
competition announced by Shumen University (Shumen University)

### I. Reason for writing the review

Order of the Rector of Shumen University RD 16-013/30.01.2024 for  
determining the composition of the scientific jury; First meeting of the scientific  
jury on 06.02.2024

### II. Competition data

The competition was announced in the field of higher education 4 "Natural  
Sciences, Mathematics and Informatics", professional field 4.6 "Informatics and  
Computer Sciences", scientific specialty "Informatics"; for the needs of the  
Faculty of Mathematics and Informatics" and the Department of Computer  
Informatics at Shumen University. An ad was published in the State Gazette No.  
100/01.12.2023.

### III. Candidate in the competition

The only candidate in the competition is **Assoc. Prof. Dr. Eng. Krasimir  
Mitkov Kordov**. He holds a diploma for PhD "Doctor" D-083/20.10.2015, issued  
by the Shumen University. He has held academic positions "Assistant" (2012-  
2016), "Chief Assistant" (2016-2017) and "Associate Professor" (2017 until now).  
In addition to Shumen University, he has worked as a programmer (2008-2009).  
He has participated in scientific juries, editorial boards of journals, program and  
organizing committees at conferences.

Prof. Krasimir Kordov **covers the minimum national requirements  
(MNR) described in the Regional Development Agency.**



**Table 1.**  
**MNR for "professor" in PN 4.6 according to the ZRASRB and points of**

Indicator	MNR according to ZRASRB	Points of Assoc. Krasimir Kordov
A	50	50
B	-	-
V	100	105
G	200	210
D	100	104
E	100	110

The Rules for the Development of the Academic Staff of Shumen University (<https://www.shu.bg/wp-content/uploads/file-manager-advanced/users/normativni-dokumenti/pravilnici/pravilnik-as-26-11-2021.pdf>) do not set additional requirements for candidates for the academic position of "professor".

#### **IV. Content characteristics of the submitted works**

**Prof. Krasimir Kordov participated in the competition for "professor" with 11 publications, including 9 articles, 1 textbook and 1 textbook.**

According to the requirements of the ZRASRB, the Regional Development Act and the Rules for the Development of the Academic Staff in Shumen University, the candidate for the academic position of "**professor**" must meet the following conditions.

- To have acquired the PhD "doctor". *Prof. Krasimir Kordov meets this condition. A dissertation was defended in 2015. The topic of the dissertation is "Research of cryptographic algorithms for protection of raster image files".*
- To have held an Acad. position "Associate Professor" for at least 2 years. *Prof. Krasimir Kordov has held the academic position of Associate Professor since 2017 (number and date of appointment: RD-12-093 / 01.04.2017).*



- A published monographic work or equivalent publications must have been submitted. *The candidate participates in the competition with equivalent publications. No monographic work is presented.*
- To answer the MNR for the academic position "professor". *The candidate covers the MNRs.*
- No plagiarism has been identified. *There is no established plagiarism. The works used to participate in the competition have passed a plagiarism test and a review process before being published.*

**Prof. Krasimir Kordov** has a profile at Scopus (<https://www.scopus.com/authid/detail.uri?authorId=55961398500>). **In Scopus there are 26 publications, 381 citations, h-index: 10.**

He has a WoS (<https://www.webofscience.com/wos/author/record/1842354>) profile. **In WoS there are 14 publications, 202 citations, h-index: 8.**

Prof. Krasimir Kordov has profiles in Scholar Google (<https://scholar.google.com/citations?user=bPqDytEAAAAAJ&hl=bg&oi=ao>). In Scholar Google there are **562 citations, h-index: 14.** ORCID profile (<https://orcid.org/0000-0002-4397-8303>). Some of the posts are visible in full-text version.

The publications with which the competition is participated have not been used to occupy a previous academic position or academic degree.

Prof. Krasimir Kordov has a profile at NACID (<https://ras.nacid.bg/dissertation-preview/43436>). The currently held academic position "Associate Professor" of Shumen University has been validated (points on the individual scientific indicators have been introduced).

I don't have any joint posts with the candidate.

## **V. Study work. Project work. Mobilities**

Ass. Krasimir Kordov has conducted classes in the following disciplines:

1. Basics of programming
2. Introduction to programming and algorithms
3. Databases and their application
4. Basics of computer informatics



5. Design and design of information systems
6. Business Information Systems
7. Synthesis and analysis of algorithms
8. Web based information systems
9. Programming and use of computing systems
10. Applied programming
11. Design of software systems
12. Instrumental tools for the development of information systems
13. Introduction to cryptography
14. Cryptography
15. Multimedia software

In recent school years, there has been a full audience workload.

Ass. Krasimir Kordov participated in the preparation of a number of curricula.

In the period 2017-2023, Assoc. Prof. Krasimir Kordov participated in **24 projects**. Of 4 of them he was the leader.

Prof. Krasimir Kordov has participated in **3 outgoing Erasmus mobilities**. He has participated in welcoming fellow teachers in incoming mobilities.

There is **a scientific guide of 1 PhD student** of independent training (Assist. Georgi Gospodinov Dimitrov).

He was the supervisor of **14 graduates**.

He participates in 3 scientific organizations.

He has won 3 prestigious awards.

## VI. Contributions

In the publications of the competition can be highlighted contributing moments:

1. Cryptographic protection algorithms have been developed.
2. Hashing algorithms have been developed.
3. The effectiveness of information processes has been studied.



## VII. Critical remarks, questions and recommendations

Krasimir Kordov is currently the supervisor of a PhD student of independent training (Assist. Georgi Gospodinov Dimitrov). I recommend to Assoc. Krasimir Kordov to continue working with PhD students. I recommend having a PhD student.

To involve PhD students and students in their work on scientific projects.

I recommend that he continues to participate in Erasmus mobilities; continue to participate in projects and lead projects.

I recommend participation in the courses for incoming Erasmus students.

Although the Law on Combating Organized Crime and the Law on Combating Organized Crime allow participation in a competition for the academic position of "professor" with equivalent publications under Section C, I recommend Krasimir Kordov to write a monographic work that will be for him and the academic audience magnum opus.

## VIII. Conclusion

The careful review of all documents and publications of the candidate **Assoc. Prof. Krasimir Kordov**, submitted for participation in the competition for the academic position of "**professor**" in PN 4.6, show that all the requirements of the Law on Academic Staff Development, the Regional Academic Staff Development Act and the Rules for the Development of the Academic Staff at the Shumen University have been met. The applicant meets the minimum national and university requirements for holding the academic position of "**professor**" in PN 4.6 at the time of announcing the competition.

I give my positive opinion on the readiness of the candidate **Krasimir Kordov** to take the academic position of Professor of Shumen University in professional field 4.6 "Informatics and Computer Science", scientific specialty "Informatics".

Mar 14, 2024

G. Varna

Sincerely:

/Julian Vassilev/