

OPINION

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Concerning scientific works submitted for participation in competition for awarding the academic position of “Professor” in the field of higher education 5. Technical Sciences, professional field 5.3. Communication and Computer Engineering, scientific specialty “Communication Networks and Systems”, (Internet-based Systems, Databases in Industrial Systems, Cyber-Physical Systems Technology)

In the competition for professor, announced in the State Gazette, issue 48/13.06.2025 and on the website of TU-Gabrovo for the needs of the Department of "Automation, Information and Control Engineering" at the Faculty of "Electrical Engineering and Electronics," Assoc. Prof. Dr. Aldeniz Enverov Rashidov, PhD is participating as a candidate.

1. Overview of the content and results of the presented works

Assoc. Prof. Aldeniz Rashidov, PhD meets and, in certain respects, exceeds the scientometric data requirements set by the Technical University of Gabrovo. With a requirement of 30 publications, 5 of which must be independent, he has 55 publications, 23 of which are independent. With a requirement of 20 citations, Assoc. Prof. Rashidov has 51.

Contents	Minimum requirements of TU-Gabrovo for the academic position of "Professor"	Assoc. Prof. Aldeniz Enverov Rashidov, PhD
Total number of publications	30	55
Independent	5	2
With IF (WoS) or with SJR (Scopus)	3	4
Number of known citations by other authors	20	51
Published textbooks/books	2	3
Teaching aids published aids	-	2
Number of successfully defended doctoral students	1	1 - Expelled with the right to defend 3
Project management and contracts	3	9

2. General description of the candidate's activities

2.1. Teaching and educational activities

Assoc. Prof. Aldeniz Rashidov, PhD has been a lecturer at the Technical University of Gabrovo, Faculty of Electrical Engineering and Electronics, Department of Automation, Information and Control Engineering since 1999, holding the following positions: Assistant from 1999 to 2003, then Senior assistant until 2006 and Chief assistant until 2010, and Associate Professor from 2010 to the present.

The candidate's teaching activities include both the creation of new and participation in established lecture courses and exercises from the curricula for bachelor's, master's and doctoral students at the Technical University of Gabrovo.

In recent years, Assoc. Prof. Aldeniz Rashidov, PhD has lectured on the following subjects: Industrial Information Systems, Information Systems in Occupational Safety, Information Systems for Personnel Management, Internet-based Systems in the Social Sphere, Databases in Industrial Systems, Industrial Networks and Interfaces, Internet-based Systems, Mobile Device Programming, Cyber-Physical Systems Technology, Information Systems and Databases in Technical Safety, Microcontrollers in Control Systems, and ICT in Research.

He has participated in the development of the following curricula: Industrial Information Systems, Information Systems in Occupational Safety, Information Systems for Personnel Management, Databases in Industrial Systems, Industrial Networks and Interfaces, Internet-based Systems, Mobile Device Programming, Cyber-Physical Systems Technology, Information Systems and Databases in Technical Safety, Microcontrollers in Management Systems, Databases, ICT in Research Work, Industrial Networks and Systems, Internet-Based Information Systems, Databases, and Mobile Device Programming.

He has also taught at other universities in Bulgaria and abroad.

Assoc. Prof. Rashidov has participated in the training of six doctoral students, one of whom has successfully defended his thesis.

The number of subjects taught by the candidate is significant, which speaks for his good professional training covering many areas of computer technology. Based on the above, I consider that the pedagogical training of Assoc. Prof. Aldeniz Rashidov, PhD is of a high standard and I assess his teaching and pedagogical activities as successful and beneficial.

2.2. Scientific and applied scientific activity

Thematically, the publications presented are interdisciplinary in nature and cover various areas of the theory and use of computer systems, applications of artificial intelligence, and automated information processing and management systems.

The candidate, Assoc. Prof. Aldeniz Rashidov, was the head of a national research project under the Operational Programme Human Resources Management (HRM), Scheme BG051PO001-3.1.08, Improvement of Higher Education Management Systems (Contract BG051PO001-3.1.08-0043 "Improvement of Management Processes at TU-Gabrovo through the Application of Information Technologies")

He has participated in 3 international and 4 national scientific and educational projects.

He has been the leader of 9 internal university projects and a member of the scientific teams in 9 university projects.

The candidate is recognised in scientific circles in Bulgaria and abroad, being listed in the databases of WoS, Scopus, IEEE, Google Scholar, Research Gate

2.3. Implementation activities

Information is provided on the following implementations:

- University Information System – UMIS at the Technical University of Gabrovo. UMIS has also been adapted and implemented at the Technical University – Varna and the University of Food Technologies – Plovdiv, where it has contributed to the optimisation of academic and administrative processes.
- "Virtual environment for year-round online exams" at the Technical University – Gabrovo.
- "Virtual environment for year-round admission of student application documents" at the Technical University of Gabrovo.

His participation as a manager, expert and coordinator in national projects is also proof of the implementation of his scientific and research activities for the benefit of innovation and performance indicators for the benefit of business.

3. Contributions. Significance of contributions to science and practice

The scientific, scientific-applied and applied contributions presented by Assoc. Prof. Rashidov correspond to professional field 5.3 "Communication and Computer Engineering" and are in the following thematic areas: "Applications of artificial intelligence for process automation and optimisation", "Automated systems for information processing and management", "Digitisation of educational and administrative processes".

I accept the contributions formulated in the presented works. They are scientific, scientific-applied and applied in nature and are aimed at researching and proving, with new methods and tools, essential aspects in the field of internet-based and information systems, databases, as well as at developing AI-supported automation.

The contributions of Assoc. Prof. Aldeniz Rashidov are indisputable, as evidenced by the developments made and the articles and reports presented.

4. Assessment of the candidate's personal contribution

The independent publications of Assoc. Prof. Rashidov and those in which he is listed first are proof of his leading role in conducting scientific research.

The significance of the contributions in the candidate's scientific works is indisputable, given the topicality of the subject matter, the dissemination of the research results among the scientific community and their wide application in practice.

5. Critical comments and recommendations

I have no comments on the documents and scientific works presented.

6. Personal impressions

I have no direct personal impressions of the performance of Assoc. Prof. Dr. Eng. Aldeniz Enverov Rashidov outside the competition.

7. Conclusion:

Considering the above, I propose that Assoc. Prof. Aldeniz Enverov Rashidov, PhD to be awarded the academic position of "Professor" in the field of higher education – 5. Technical Sciences, professional direction – 5.3. Communication and Computer Engineering, speciality – "Automated Information Processing and Management Systems" (Internet-based Systems, Databases in Industrial Systems, Cyber-Physical Systems Technology)

20 October 2025

Member of the jury:
/ Prof. G. Krastev, PhD /