



МИНИСТЕРСТВО НА ОТБРАНАТА
ИНСТИТУТ ПО ОТБРАНА „ПРОФЕСОР ЦВЕТАН ЛАЗАРОВ”
София 1592, бул. „Проф. Цветан Лазаров” № 2, факс: 02/92 21 808, <http://di.mod.bg>

OPINION

by Col. Assoc. Prof. Dr. Nikolai Todorov Stoyanov,
Deputy Director of the Institute of Defense "Prof. Tsvetan Lazarov
under the competition for the academic position of "Associate Professor" for
servicemen in the field of higher education 5 "Technical Sciences", professional
field 5.2. "Electrical Engineering, Electronics and Automation", scientific
specialty "Automated systems for information processing and control",
announced by Order № ОН-1130 / 10.12.2021 of the Minister of Defense of the
Republic of Bulgaria and published in the State Gazette, issue 109 from
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with a single candidate

Major Dr. Angel Dimitrov Genchev,
Senior Expert in the C4I Systems Development Directorate at the Professor
Tsvetan Lazarov Institute of Defense

1. General characteristics of the research, scientific-applied and pedagogical activity of the candidate

One candidate has appeared in the announced competition for the academic position of "Associate Professor" - Dr. Angel Dimitrov Genchev. His complete list of publications includes 26 titles. To participate in the competition, the candidate has submitted 20 papers which include: monographs - 1, reports and articles presented at scientific conferences at home and abroad - 19. Of the works presented, 8 have been published independently, the remaining 12 are co-authored. Five of the publications are in English, the rest are in Bulgarian. The publication in a team is a result of the participation of Mr. Genchev in scientific and applied projects.

Dr. Angel Genchev realizes his competence and qualities as a researcher and implementer in the field of information systems, computer science, cyber security, design and construction of automated information systems, data centers and systems for collaboration with research and application purpose.

The papers submitted for review are beyond those submitted for the acquisition of the educational and scientific degree "Doctor".

The research activities are related to the analysis, synthesis and implementation of projects of information systems for the needs of the Ministry of Defense and the Bulgarian Army, as well as for security systems under programs of the European Commission.

The special training of the candidate marks a hierarchical upgrade of knowledge, skills, simulation and implementation of developments in the field of information systems, collaboration systems, cloud systems and cyber security systems.

Major Genchev actively participates in 5 international, 2 national and 15 departmental projects.

The self-assessment of the compliance with the minimum requirements for the competition, provided by Dr. Genchev, shows that it meets the minimum national requirements under the Academic Staff Development Act of the Republic of Bulgaria (ACASR) and the Regulations for its implementation.

2. Assessment of the candidate's special training and activities

Dr. Genchev began his research and development career in 2006.

Acquired the educational and scientific degree "Doctor" in the scientific

specialty 02.07.20 "Communication Networks and Systems", defending a dissertation on "Adaptive management of frequency resources in mobile cellular radio networks for military purposes."

At the moment (2022) Dr. Genchev is a "senior expert" at the Institute of Defense "Professor Tsvetan Lazarov".

I have known Major Dr. Genchev since 1993 as a good professional. Our long-term joint work with Dr. Genchev gives me reason to say that he has the necessary knowledge and training in the field of communication and information technologies and approaches to their application in the field of security and defense, as well as to continue research. activity in this field.

3. Main scientific results and contributions

The works of the candidate can be classified in the following areas of research:

- Works in the field of information systems and technologies, cyber security, data centers and cloud environments - [II.2.1], [II.2.3], [II.2.15], [II.2.4], [II.4.5], [II.4.5], [II.2.5], [II.2.7], [II.2.8], [II.2.10], [II.4.11], [II.2.12], [II.2.17], [II.2.20], [II.2.20], [II .2.21], [II.1.1].
- Works and research in the field of integrated information environments for collaboration and with computer systems for decision support - [II.2.2], [II.2.6], [II.4.8.] [II.2.9], [II. 2.11], [II.2.13], [II.2.14], [II.2.18]. [II.2.16], [II.4.15].
- Automated information systems and application programs for the needs of defense - [II.4.9], [II.4.15], [III.7], [III.8].

The scientific and scientific-applied contributions in the works of the candidate Dr. Angel Genev are in the professional field 5.2. "Electrical Engineering, Electronics and Automation". These contributions can be summarized as: systematization and summarization of existing knowledge, methods and approaches for research of communication and information systems and collaboration systems.

The author's participation is documented and is in full compliance with the research activities of the institute.

The documentation provided clearly shows that Dr. Genchev's research and related publications are current and evaluated by a wide range of researchers, as evidenced by the 13 citations, 3 of which are in world-renowned

databases (Scopus) and 10 in collective volumes with scientific review.

4. Assessment of the significance of contributions to science and practice

The most characteristic feature of the contributions to science and practice in the extensive work of Dr. Angel Dimitrov Genchev is their relevance. Contributions to today's solutions, tracing the vision of the requirements of tomorrow's technological solutions.

5. Critical remarks on the submitted works

I have no critical remarks or comments on the scientific works provided to me.

6. Conclusion

Based on the above and having in mind the self-assessment of the candidate Dr. Angel Dimitrov Genchev, I believe that the requirements of ZRASRB, the Regulations for its implementation and the Regulations on the terms and conditions for holding academic positions at the Institute of Defense "Prof. Tsvetan Lazarov ". This gives me reason to confidently give my positive assessment and to propose to the esteemed scientific jury to vote for the award of Major Dr. Angel Dimitrov Genchev to the academic position of "Associate Professor" in higher education 5. "Technical Sciences", professional field 5.2 . "Automated information processing and control systems", scientific specialty "Automated information processing and control systems".

11.04.2022 г.
гр. София

Jury member:
(Col. Assoc. Prof. Dr. Nikolai
Stoyanov)