

OPINION

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On the materials presented by
Emil Georgiev Delinov, PhD
for participation in competition

for participation in a competition for acquiring of the academic position “Associate Professor” in Informatics, in the field of higher education 4. Natural Sciences, Mathematics and Informatics, in professional field 4.6 Informatics and Computer Science, for the needs of the Department of Informatics and Mathematics at the Faculty of Economics of Trakia university, announced in the State Gazette Vol. 24 from 25.03.2022

By order № 1979/22.06.2022, modifying order 1361/15.05.2022, of the Rector of Trakia University – Stara Zagora, I have been assigned as a member of the scientific jury for the competition for the academic position “Associate Professor” in the field of higher education 4. Natural sciences, mathematics and informatics, professional field 4.6 „Informatics and Computer Science“, scientific specialty „Informatics“, for the needs of the Department of Informatics and Mathematics announced in the State Gazette Vol. 24/25.03.2022. I declare that as a member of the scientific jury I have received the materials of Emil Georgiev Delinov, PhD. He is the only candidate in the competition.

1. A list of the materials presented by Emil Georgiev Delinov, PhD

The candidate has presented the following materials for participation in the competition:

1. Application for participation in the competition.
2. Declaration for authenticity of the information.
3. Documents certifying length of service in the specialty.
4. Information card for NACID.
5. Copy of the announcement in the State gazette 24/25.03.2022.
6. Copy of a university diploma for master degree.
7. Copy of diploma for educational and scientific degree “Doctor” (PhD).
8. Curriculum Vitae according to the European model.
9. Summaries of the publications submitted for the competition in Bulgarian and English.
10. List of the publications for participation in the competition for the academic position “Associate Professor”.
- 10a. List of all publications, books and textbooks of the candidate.
11. Copies of the publications for participation in the competition.
12. List with citations for participation in the competition.
13. Copies of the citing publications.

14. Author reference for scientific contributions in the publications for participation in the competition.
15. List of habilitated co-authors of the candidate.
16. Copies of foreign language certificates.
17. Certificate showing no previous conviction.
18. A detailed reference for fulfillment of the national minimal requirements for the academic position "Associate Professor".
- 18a. A detailed reference for fulfillment of the national minimal requirements for the academic position "Associate Professor", including publications and citations which are expected to be indexed.
19. Reference for publications in journals indexed in Web of Science.
20. Reference for citations in Web of Science and Scopus.

2. Biographical data of the candidate

Emil Georgiev Delinov was born on 20.07.1960. During the period 1980-1984 he was a student at the Plovdiv university "Paisii Hilendarski" where he acquired a master degree in Mathematics with a specialty in "Informatics". In the period 1993-1995, he studied at the University for National and World Economy in Sofia, where he acquired the qualifications "Financial management". In 2004 and 2006 he studied at Dell and SAP-Bulgaria. In May 2010, he participated in an educational course in CERN, Geneva, Switzerland. In 2016, Emil Delinov defended a dissertation for acquiring a PhD in 4.6 Informatics and Computer sciences at the Institute of Mathematics and Informatics of the Bulgarian Academy of Sciences. During the years, Emil Delinov has worked as a teacher and lecturer and he has also held high positions in the business field.

3. Analysis of the presented publication and citations

According to the List with publications and books for participation in the competition, the candidate participates in the competition for the academic position "Associate Professor" with 1 monography, 6 publications and conference proceedings and 7 book chapters. They are grouped as follows:

- 2 publications with impact factor in quartile Q4 (72 points);
- 2 publications indexed in IEEE Xplore (36 points);
- 1 publications, indexed in Zentralblatt MATH (18 points);
- 1 publication in a conference proceedings;
- 7 book chapters (105 points).

In this way, the total number of points in group of indicators Γ is 231.

With regard to the group of indicators B, the candidate Emil Delinov has presented one monography which is equal to 100 points.

Emil Delinov has presented a list of 12 citations for participation in the competition. The total number of points in the group of indicators Δ is 56.

4. Evaluation of the candidate's contributions

The contributions of the candidate are described in the Reference for the scientific contributions.

The main scientific contributions in the monography "Optimization of the infrastructure with cloud technologies" stated by the candidate are:

- A possible approach and ways for development of ICT infrastructure, as well as steps through which one should pass in order to make the transfer to optimization.
- A possible approach for audit, diagnostic analysis and preparing of a suggestion for service improvement.
- Examples for possible optimization of ICT infrastructure with the use of cloud technologies, etc.

Some of the more important scientific and applied contributions stated in the Reference for the contributions in the publications for participation in the competition are:

- A system for telecommunicational preparation of data in real time which has been implemented in practice.
- A methodological handbook for the use of cloud technologies in the secondary education is proposed.
- A system for forming of the semester and year marks in Mathematics and Information technologies is proposed.
- Suggestions for optimization and improvement of both the communication modules and protocols as well as of the whole systems for monitoring.
- A unified plan for solving of problems in mathematics and physics is composed which enhances the work of the students and teachers, etc.

I accept the so-formulated contributions by Emil Georgiev Delinov, PhD.

5. Reference for the scientometric requirements

In Table 1, the minimal national requirements for acquiring of the academic position of "Associate Professor" are given, as well as the points of the candidate Emil Delinov for every group of indicators.

Table 1. Reference for the fulfillment of the minimal requirements

<i>Indicator Group</i>	<i>Minimal national requirements for "Associate Prof."</i>	<i>Scores of the candidate: Emil Delinov, PhD</i>
<i>A</i>	50	50
<i>B</i>	-	-
<i>B</i>	100	100
<i>Г</i>	200	231
<i>Д</i>	50	56
<i>E</i>	-	-
<i>Total</i>	400	437

From the reference for working experience in the field, it is evident that the candidate meets the requirements of Par. 74 (1), Sec. 2 of the Act for the development of the academic staff of Trakia university.

The requirements of the Act on the Development of the Academic Staff in the Republic of Bulgaria, the Regulations on the Implementation of the Development of Academic Staff in the Republic of Bulgaria and the Act for the Development of the Academic Staff of Trakia university are satisfied.

6. Critical remarks, recommendations and personal impressions of the candidate


I do not know personally the candidate. I have no critical remarks to the candidate regarding the presented materials for the participation in the competition. The presented materials contain all required information. The scientific and applied contributions are formulated in a clear and exact way.

7. Conclusion

Taking into account all the above, I believe that the candidate has the necessary scientific and applied contributions. No plagiarism in the presented materials for participation in the competition has been found. The requirements of the Act on Development of the Academic Staff in the Republic of Bulgaria, the Regulations on the Implementation of the Development of Academic Staff in the Republic of Bulgaria Act and the Act for the Development of the Academic Staff of Trakia university are fulfilled.

Therefore, I give a **positive evaluation** to the materials presented by Emil Georgiev Delinov, PhD, in the competition for academic position "Associate Professor" at the Faculty of Economics of Trakia university, Stara Zagora, and I recommend to the scientific jury to make a proposal to the Faculty Council of the Faculty of Economics of Trakia University to vote for awarding **Emil Georgiev Delinov, PhD, the academic position "Associate Professor" in professional field 4.6 "Informatics and Computer Science"**.

02.08. 2022

Signature: ... 
(Assoc. Prof. Velin Andonov, PhD)