



OPINION

on the competition for "Associate Professor" in the scientific specialty "Mechanization and electrification of crop production" of PN 5.13 "General Engineering" in the field of higher education 5 "Technical Sciences" at the Agricultural University - Plovdiv, announced in SG no. 35 / 27.04.2021 with candidate Ch. Assistant Professor Dr. Eng. Manol Angelov Dallev

Prepared by: Assoc. Prof. Dr. Eng. Georgi Georgiev Komitov, Agricultural University - Plovdiv, department "Agricultural Mechanization", determined by order № RD 16-745 / 30.06.2021 of the Rector of the Agricultural University - Plovdiv as a member of the scientific jury

1. Brief introduction of the candidate.

With an application with ent. № 710P8-22 / 15.06.2021 ch. Assistant Professor Dr. Eng. Manol Angelov Dallev from dep. "Agricultural mechanization" declares its readiness to participate in the announced competition for the academic position of "Associate Professor", announced in the 35th issue of the State Gazette of 27.04.2021. He is also the only candidate participating in the competition. The application is completed with the documents required by the Law for Development of the Academic Staff of the Republic of Bulgaria and the Regulations for its application with the required number of evidence.

Ch. Assistant Professor Dr. Eng. Manol Dallev graduated with a bachelor's degree in 2006 with a degree in Agricultural Engineering with a diploma № 21828/2006. In 2007 he graduated with a Master's degree in Landscape Design with a diploma № 666/2007. In 2013 he successfully defended his doctoral degree with diploma № DR 33/22 April 2013 on the topic "Study of a working body for surface tillage". The training at all levels of Ch. Assistant Professor Dr. Eng. Manol Dallev was held at the Agricultural University – Plovdiv.

Ch. Assistant Professor Dr. Eng. Manol Dallev is a full-time lecturer in dep. "Agricultural mechanization" at the Agricultural University – Plovdiv. His total work experience as a lecturer at the University is 9 years and 10 months, and by order of the Rector № RD 16-548 / 01.06.2015 he was appointed assistant professor.

The candidate has a variety of digital skills - working with a wide range of computer programs (Word, Excel, Picture, Power Point), with specialized design software (SolidWorks, AutoCAD, CATIA) and software for statistical data processing. He speaks English and Russian at A2 level.

2. General description of the scientific production.

The candidate in the competition for "Associate Professor" Ch. Assistant Professor Dr. Eng. Manol Dallev participates with a total production of 31 works, as the scientific publications in the nomenclature specialty are 30 pieces. The publications related to the doctoral dissertation are 4 pcs. and are not subject to analysis in the opinion.

The publications in journals, referenced and indexed in the world-famous databases with scientific information WoS and Scopus are 21, distributed in indicator B "Habilitation work" - 10, and indicator D - 10, according to the minimum national requirements of Law for Development of the Academic Staff of the Republic of Bulgaria.

Publications in peer-reviewed and peer-reviewed scientific journals are 3, and publications in conference proceedings - 2.

From the publications 4 pcs. have an impact factor, with a total impact factor of 12,109. The author has attached in the "Information about the impact factor" and 2 pcs. quotes with impact factor and impact rank.

In the competition ch. Assistant Professor Dr. Eng. Manol Dallev participate with 26 works. His personal participation in these publications is illustrated by the fact that in eight of the publications he is the first author, in another ten - the second author, and in the other eight he is the third and subsequent author. In the materials of the competition no separation protocol is attached between the authors of the presented publications and I accept the contribution of all authors as equal.

The applicant has attached a "Declaration of Originality and Authenticity" stating that the results and contributions in the scientific production submitted under the procedure are original and are not borrowed from research and publications in which there are no participations. I have not found any information about plagiarism.

A book based on a defended dissertation for the award of an educational and scientific degree "Doctor" has been published, of which the candidate is the sole author. It is peer-reviewed when published and brings the author 30 points.

The author did not present textbooks.

According to Law for Development of the Academic Staff of the Republic of Bulgaria the implementation of the minimum requirements for the individual indicators are as follows:

Indicator A - 50 points. The indicator is filled with a defended dissertation and submitted articles.

Indicator C - 100 points. The author has presented 10 pcs. scientific publications in publications that are referenced and indexed in world-famous databases of scientific information" with 165 points.

Indicator D - 200 points. With the provided scientific publications the candidate achieves 245.18 points.

Indicator E - 50 points. The candidate has applied 7 noticed quotes (two of which have an impact factor) and they bring him 70 points.

Of the required 400 points according to the Law for Development of the Academic Staff of the Republic of Bulgaria for the field of Technical Sciences, the candidate covers 560.18 points, which fully satisfies the requirements of the law.

3. Teaching activities.

Ch. Assistant Professor Dr. Eng. Manol Dallev has been a lecturer at the University of Plovdiv since September 1, 2011. During this period he held the positions of assistant and chief assistant. This is confirmed by the certificate LS - 61 / 09.06.2021.

The reference from the SIC shows that for the period 2015 - 2020 the candidate has a total of 2920.3 hours of classroom and extracurricular employment. Of these, 322 hours are lectures, 1724 are hours spent in exercises and the rest are extracurricular activities. The reports show that the candidate was the scientific supervisor of 26 successfully defended graduates in the Bachelor's and Master's degrees. This proves his ability to work independently with students and accumulated teaching experience.

4. Research activities.

Areas of publication.

The scientific production of Ch. Assistant Professor Dr. Eng. Manol Dallev is related to the topic of the competition. It can be classified into sections: "Developments related to tillage"; "Developments related to precision farming"; "Developments relating to the construction of agricultural machinery"; "Technological developments related to the use of ultrasound"; "Technological developments related to the utilization of renewable energy sources".

Citation and referencing of scientific production.

The list of noticed quotes includes 7 pcs. quotes in editions in Bulgaria and abroad of 4 pcs. from publications on the candidate's competition. Two of the quotes are with impact factor and impact rank. The scientific production of the candidate was of interest to the Bulgarian and international scientific community. Twenty-one of the publications with which the candidate participates in the competition are in publications indexed in the global databases Scopus and WoS.

Contributions of scientific production.

I accept the claim of the candidate for the presented scientific and applied contributions. They show the level of his development as a scientific staff and represent the originality of the author's works. In my opinion, some of them are purely applied and could be summarized further.

Participation in research projects.

The candidate Ch. Assistant Professor Dr. Eng. Manol Dallev has attached a reference for the participation in six projects funded by AU-Plovdiv, as part of those presented in the competition publications have been prepared in connection with the work on these projects. The candidate participates in an ongoing project on "Use of natural ingredients to create functional foods". An assignment order from SAA-Sofia for his participation is attached.

The applicant has completed three training mobilities and one teaching at universities in Portugal, Hungary, the Czech Republic and Italy under the Erasmus program (reference attached). This shows the desire of the candidate to enrich his experience and knowledge.

5. Remarks and recommendations.

I have no remarks on the candidate's work. I recommend the candidate to direct his scientific production to independent developments with a purely technical orientation, specific to the field of "Technical Sciences".

6. Conclusion.

Based on the analysis of the pedagogical and scientific-applied activity of the candidate, I consider that Ch. Assistant Professor Dr. Eng. Manol Angelov Dallev fully meets the requirements of the Law for Development of the Academic Staff of the Republic of Bulgaria and the Regulations of the Agrarian University for its application, fulfilling the necessary minimum requirements for all indicators of these regulations.

This gives me reason to **POSITIVELY** evaluate its overall activity and I propose to the Faculty Council at the Faculty of Viticulture and Horticulture at the Agricultural University - Plovdiv to elect Ch. Assistant Professor Dr. Eng. Manol Angelov Dallev for "Associate Professor" in the scientific specialty "Mechanization and electrification of crop production", field 5 "Technical Sciences", professional field 5.13 "General Engineering".

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Town of Plovdiv

PREPARED
THE OPINION.....
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