



REVIEW

by **Prof. DSc Julia Georgieva Doncheva**

(‘Angel Kanchev’ University of Ruse)

of the materials submitted in connection with an open procedure, for conducting a competition for the academic position of "professor" in the field of higher education 1. Pedagogical sciences, professional field 1.3. Pedagogy of education in... (Biodiversity, biology, health and environmental education)

1. Data for the competition.

In connection with Order № RD-16-021/28.02.2022 of the Rector of the University of Shumen “Bs. K. Preslavski”, promulgated in the State Gazette, issue 111/31.12.2021 and according to a meeting (Protocol № 1/10.03. 2022) a competition was announced for the academic position of "Professor" for the needs of the Department of "Science for Education" at the Department of Information, Qualification and Continuing Education. The only candidate in the competition is Assoc. Prof. PhD. Rositsa Dimitrova Davidova - Madjarova. After reviewing the documents required by the ZRASRB and the Regulations for the ZRASRB, as well as the internal rules of the University of Shumen regarding the ZRASRB, the same was admitted to participate.

No violations have been established, the procedure is underway, the competition is legitimate.

2. Brief biographical data about the candidate.

From the professional autobiography of Rositsa Davidova-Madjarova it is evident that Shumen University ‘Bishop Konstantin Preslavski’ is her ‘second home’, her professional and career, both performance and dedication to the prosperity of the university. From a student, Pr. assistant, associate professor,



passing all hierarchical steps to the high responsibility, voted for her first by the Dean's leadership - Deputy. Dean for Accreditation and Quality of FPN, currently Vice-Rector for Research, Design and International Affairs, institutional Erasmus + Coordinator, trust delegated to her by the Rector's Management, meaning a person with proven skills, qualities and competencies. Her work and professional qualities are valued not only occupying one of the highest, prestigious, authoritative and responsible positions, but also as a nationally and internationally known and recognized scientist in his fields of competence, judging by the autobiography, scientific, project-based, etc. . productions of the colleague.

3. General description of the presented materials (scientific papers).

Assoc. Prof. Dr. Davidova - Madjarova, participates in the competition for the academic position of "professor" in the field of higher education 1. Pedagogical sciences, professional field 1. 3. Pedagogy of education in... (Biodiversity, biology, health and environmental education), announced by the University of Shumen "Bishop Konstantin Preslavski" in SG, 6p. 111 of 31.12.2021 with scientific production presented and compared in compliance with the minimum national requirements under Art. 2b, para. 2 and 3 of the Law on the ZRASRB, as follows:

Group of indicators A: 1. Dissertation for the award of educational and scientific degree "Doctor" - 1.1. Species diversity, biotope distribution and dynamics of tekameb communities (Rhizopoda: Testacea) in Srebarna Biosphere Reserve - **50 points**, of the required minimum number of **points 50**.

Group of indicators B: Habilitation work (monograph) - 3.1. Davidova, R. 2021. Formation of key competencies in the training on "Man and Nature", V-VI grade and "Biology and Health Education", VII-X classes. University Publishing



House "Bishop Konstantin Preslavski", 204 pages, ISBN 978-619-201-5459 - **100**

points, of the required minimum number of 100 points.

Group of indicators G:

6. Articles and reports published in scientific journals, referenced and indexed in world-famous databases with scientific information - **15 pcs.**

7. Articles and reports published in unREFERRED journals with scientific review or published in edited collective volumes - **17 pcs.**

Total number - **32 scientific papers**, independent and co-authored, published in Bulgaria and worldwide.

Total number of points for group G: 262.4 points, of the required minimum number of points 200.

Group of indicators D:

11. Citations or reviews in scientific journals, referenced and indexed in world-famous databases with scientific information or in monographs and collective volumes - **17 issues.**

12. Citation in monographs and collective volumes with scientific review - 4 issues.

13. Citations or reviews in unREFERRED journals with scientific review - **15 issues.**

Total number - 36 citations discovered by Bulgarian and world scientists.

Total number of points for group D: 370 points, out of the minimum required 100 points.

Indicator E:

16. Participation in a national scientific or educational project - a total of **7**, in which **4** of them were the Coordinator for the University of Shumen.

20. Published university textbook or textbook used in the school network - **1** issue.



Total number of points for group E: 145 points, out of the minimum required 100 points.

The comparable minimum required number of points by groups of indicators **for the academic position of professor summarized by indicators from A to E is a total of 927.4 points, with a minimum number of points 550.**

The information provided shows that the candidate not only performs, but in a very large part of the indicators (G, D and E) exceeds the minimum scientometric indicators required for the academic position of "Professor".

4. Scientific contributions. Reflection of the candidate's scientific publications in the literature (known citations).

Associate Professor Dr. Davidova - Madjarova in her report has identified scientific problem areas grouped in the following aspects:

I. In the field of teaching methodology in Man and Nature, Biology and Health Education in High School - **6 contributions.**

II. In the field of quality of education and preparation of students for professional realization - **4 contributions.**

III. In the field of research of taxonomic diversity and ecological features of different groups of organisms, studied by students-future teachers and students in the subjects Man and Nature, Biology and Health Education in High School - **4 contributions.**

Only fourteen (14) original contributions, I believe, are many more, given her scientific output and the practical application of the competencies she teaches among students, pupils and teachers, doctoral students, young fellow scientists, teachers, classroom and extracurricular employment - sharing experience in teaching and courses, supervision and consulting colleagues; providing classes in a practical environment outside the university or research organization; teaching



in the specialty in a foreign language and of course in his capacity as vice-rector, competencies on a national scale.

Her participation in the numerous scientific juries and commissions, both at the University of Shumen "Bishop Konstantin Preslavski" and in universities and research organizations throughout Bulgaria speaks of an authoritative, significant and sought-after scientist. For a person competent to judge, to judge and evaluate with dignity the applicants in the specific competition.

The quality of her research is at a high professional level, judging by the references, citations, by other authors with impact factor (Journal Citation Report), Web of Science and Impact Rank (SCOPUS). This is a definite indicator that Assoc. Prof. Davidova - Madjarova is a followed and recognized scientist in her field.

5. Teaching work.

Her classroom and extracurricular employment, innovations in teaching methods, the provision of classes in a practical environment outside the university and in the scientific organization, etc. are indisputable. She is the author of 25 curricula. Holder and leading lecturer of 16 disciplines.

She has realized 14 scientific manuals of graduates and postgraduates, as well as one doctoral student in the process of development.

Her experience as a lecturer, scientist and practitioner is proven through the performances of young scientists, students, teachers and others through / in their performances. He is extremely active in working with students and teachers, as evidenced by the long list of events, activities, projects, national and international forums at home and abroad, a fact that arouses deep respect, pride and role model for many scientists.

She is a member of the Union of Scientists in Bulgaria, Shumen branch.



6. Critical remarks:

I have no critical remarks, but rather I will make a recommendation for popularizing her author's searches and analyzes in ours, and especially in the international scientific press. Bulgarian science, through such authors, will be seen and appreciated with dignity, because the scientific production of Assoc. Prof. Dr. Rositsa Davidova - Madjarova is significant, valuable, innovative and creative, with a view and thought in the future.

7. CONCLUSION.

Based on the above in a categorical way, justified and unambiguous, I give my **positive assessment** and invite my colleagues from the esteemed scientific jury, as well as members of the Council of DIKPO, to **vote positively** for the loan of Assoc. Prof. Dr. Rositsa Dimitrova Davidova - Madjarova in the academic position "Professor" in the field of higher education 1. Pedagogical sciences, professional field 1.3. Pedagogy of education in... (Biodiversity, Biology, Health and Environmental Education) training for the needs of the University of Shumen "Bishop Konstantin Preslavski", Department of "Science for Education" at the Department of Information, Qualification and Continuing Education.

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Member and reviewer of the scientific jury:

(Prof. DSc Julia Doncheva)

