

## STATEMENT

by Assoc. Prof. Evelina Ilieva Veleva, PhD, University of Ruse "A. Kanchev"  
of the materials submitted for participation in the competition  
for occupying the academic position "Professor"  
in professional field 4.5. Mathematics  
specialty Probability theory and mathematical statistics

In the competition for academic position "Professor", announced in the State Gazette, issue 63/06.08.2022, for the needs of the Department of "Economics and Mathematical Modeling" at the Faculty of Mathematics and Informatics, at Konstantin Preslavsky University of Shumen, participated as a candidate Assoc. Prof. Pavlina Kalcheva Yordanova, PhD from the same department.

### **1. Brief biographical information**

The candidate in the competition for the academic position "Professor" for the needs of the Department of "Economics and Mathematical Modeling", Assoc. Prof. Pavlina Kalcheva Yordanova, PhD, has been an Associate Professor of Probability Theory and Mathematical Statistics in the same department since 2014. She graduated with a Master's degree in 1996 and 1998 and got PhD degree at the IMI - BAS in 2006.

### **2. General description of the presented materials**

The candidate Pavlina Kalcheva Yordanova participated in the competition with:

- Textbook – 1
- Study aid - 1
- Monograph - 1
- Papers – 21

13 of the presented papers have an impact factor (with a total IF of 19.65 for the year of publication). Another 7 have a positive Scimago Journal Rank

(SJR) on Scopus, with a total SJR of 1,545 for the year of publication. One of the papers is in a journal refereed and indexed in Zentralblatt MATH. The total amount of indicators for group "D" is 879 points (with minimum requirements 200 points), for group "D" - 364 points (with minimum requirements 100 points), and for group "E" - 133 points (with minimum requirements 100 points).

### **3. Reflection of the candidate's scientific publications in the literature**

A list of 46 citations of 22 articles is attached, 45 of which are in publications that are referenced and indexed in WoS and Scopus and 1 in a journal referenced and indexed in Zentralblatt MATH. This exceeds the national minimum requirements and is a testimony to her recognition as a scientist in scientific circles at home and abroad.

### **4. General characteristics of the applicant's activity**

#### **4.1. Educational and pedagogical activity**

Candidate Pavlina Yordanova has published a textbook, a study aid in two editions. She successfully supervised 7 graduates. She has led lectures and exercises for bachelors and masters in many disciplines in Bulgarian and English, at home and abroad.

#### **4.2. Scientific and scientific-applied activity**

She was the head of an international scientific project, a participant in an international project and in 3 national projects. She participated in 12 and managed 6 intra-university projects of Shumen University. She is an editor of numerous international mathematical journals. The presented publications are of a high scientific level, in prestigious editions, with a wide scientific response and many times exceed the regulatory requirements.

#### **4.3. Implementation activity**

Contributions in the candidate's works are reflected in practice, in scientific research, as well as in the educational process.

#### **4.4. Contributions**

I accept the candidate's contributions in the provided scientific works and accept them as original scientific contributions of a scientific-applied and applied nature.

#### **5. Evaluation of the candidate's personal contribution**

The work of Assoc. Prof. Pavlina Kalcheva Yordanova, PhD exceeds the national minimum requirements for scientific activity for holding the academic position of "Professor". Allocation protocols are provided, clearly demonstrating the applicant's contribution to each of the attached publications.

#### **6. Critical notes**

I have no critical comments on the submitted materials for participation in the contest. They are very well designed and accompanied by the necessary references, certificates and other documents.

#### **7. Conclusion**

**Bearing in mind the above, my assessment of the pedagogical and scientific activity of Assoc. Prof. Pavlina Kalcheva Yordanova, PhD is very high. The candidate's scientific production has sufficient contributions and has been popularized outside the country. The national requirements and the requirements of the Konstantin Preslavsky University of Shumen for occupying the academic position of "Professor" have been fulfilled, and in some indicators they have been exceeded several times. Therefore, I propose that Assoc. Prof. Pavlina Kalcheva Yordanova, PhD be elected "Professor" in professional field 4.5. Mathematics, specialty Probability Theory and Mathematical Statistics.**

Date:

11.11.2022

Jury member: .....

(Assoc. Prof. Evelina Veleva, PhD)