

## STATEMENT

For a competition for obtaining an academic position “Associate Professor” in professional field **5.13 „General Engineering**, study discipline „**Technological Entrepreneurship**“ to the Department Industrial Management at the Faculty of Manufacturing Engineering and Technologies, TU-Varna

Announced in SG № 31/19.04.2022 г.

Applicant: **Assist. Prof. PhD Sibel Ilhanova Ahmedova**

Jury member: **Assoc. Prof. PhD Nataliya Venkova Koleva**

### **1. Overall characteristics of the candidate’s research and applied activity**

Assist. Prof. PhD Sibel Ahmedova has submitted 18 research works for participation in the competition for obtaining an academic position “Associate Professor”: 1 monograph, 15 scientific papers and 2 textbooks. The monograph entitled „Regional competitiveness as a factor for the development of the northeastern region“ is published in 2020 г. by the publishing house “Print kolor – Varna“ and comprises 127 pages.

The presented fifteen publications are distributed by indicator group G as follows:

- According to indicator G7, 6 items are presented. Publications – 5 pcs. Independent and 1 pc. Co-authored;
- According to indicator G8, 9 items are presented. Publications – 8 pcs. Independent and 1 pc. Co-authored.

According to the group of indicators D, one publication on the dissertation is presented, for which citations are found as follows:

- 5 citations in scientific publications referenced and indexed in global databases (indicator D12);
- 12 citations in monographs and collective volumes with scientific review (indicator D13) and
- 2 citations in non-refereed journals with scientific review (indicator D14).

According to the group of indicators E, the candidate has 1 published textbook (indicator E23) and 1 manual for exercises (indicator E24), which are used in the process of teaching students.

The candidate has submitted a certificate of participation in 5 projects (indicator E18). The materials submitted for participation in the competition, related to the candidate's scientific research and scholarly activities, in terms of volume, structure and content, correspond to the professional field and discipline for which the competition was announced and satisfy the minimum requirements for occupying the academic position "Associate Professor".

### **2. Evaluation of the applicant’s pedagogical training and activities**

Assist. Prof. PhD Sibel Ahmedova has 9 years of pedagogical experience. From 2013 to 2020

she has the academic position an Assistant at the department “Industrial Management” in the Faculty of Manufacturing Engineering and Technologies at the TU-Varna and since 2020 till now she is an Assistant Professor there. According to the references submitted for participation in the competition for obtaining an academic position “Associate Professor”, the pedagogical activities of the applicant comprise teaching lectures and tutorials for numerous disciplines in bachelor and master programs that are related to the competition area.

In total for the last 3 academic years /2019-20, 2020-21 and 2021-22/, the candidate has counted 121 hours of lectures, which shows the fulfillment of indicator J29.

### **3. Main scientific and applied research contributions**

The scientific activity of Assistant Professor PhD Sibel Ahmedova is in the thematic areas of technological entrepreneurship and innovation, enterprise competitiveness and financial management. I believe that the contributions formulated in the author's reference can be referred to the categories of enrichment of existing scientific knowledge and scientific achievements for specific applications in practice, including analysis of scientific areas, concepts, methods, etc. and in view of this, the following can be mentioned as more significant scientific-applied and applied contributions: the fundamental concepts of regional development and competitiveness are systematized; based on a theoretical analysis of the nature and characteristics of "regional competitiveness", a definition of the concept is proposed; the main methods of analysis and evaluation of investment decisions are studied, as a result of which their advantages and disadvantages are summarized; a model was developed to increase the regional competitiveness of the North-East region, R. Bulgaria; the state of digital transformation, the implementation and application of digital technologies for financial management in enterprises and the management of business processes was studied; an analysis of the sources of financing technological entrepreneurship and innovation for Bulgarian enterprises was carried out, as a result of which recommendations were summarized for the creation and maintenance of a flexible innovation system at the national level; the importance of technology transfer, clusters, risk capital and research and development as a tool for increasing the growth and competitiveness of enterprises in Bulgaria was analyzed.

### **4. Significant of the research contributions in science and practice**

The research, applied and design activities and contributions of the applicant completely satisfy the requirements of Development of the Academic Staff in the Republic of Bulgaria Act. The minimum requirements for occupying the academic position "Associate Professor" are covered and exceeded, according to some indicators. The scientific research is in an up-to-date field and topic, and the contributions achieved have a scientific-applied value in practice, and are also useful in the training of students and doctoral students.

### **5. Critical remarks and recommendations**

I don't have serious critical comments on the works of Assistant Professor PhD Sibel Ahmedova, but I have some formal remarks and recommendations:

- The presented author's report on contributions is very fragmented and does not highlight the most significant ones;
- Focus on expansion of the spectrum of literature sources on which to base the research and the developments of own basic methods;
- To continue publishing activities in journals abroad with Impact factor.

### CONCLUSION

**Based on the acquaintance with the presented scientific works, their importance, the scientific and applied contributions contained in them, I find it reasonable to propose Assistant Professor PhD Sibel Ilkhanova Ahmedova to take the academic position "Associate Professor" in professional field 5.13 "General Engineering", study discipline "Technological Entrepreneurship".**

16.08.2022 г.

Member of Scientific jury:

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/Assoc. Prof. PhD Nataliya Koleva/