

## REVIEW

for Chief Assistant Prof. **Gergana Valcheva Taneva**, PhD  
by competition for the academic position "**associate professor**"  
in the field of professional direction 3.8 Economics (Financial markets and financial instruments)

**Reviewer: Acad. Ivan Petkov Popchev**

By Order No. P<sub>33</sub> - 3750 Plovdiv, 11.07.2019 of the Rector of the Plovdiv University "Paisii Hilendarski" Prof. Rumen Mladenov, PhD in connection with the announced competition for the academic position "Associate Professor" in DV of 31.04.2019 by: field of higher education 3. Social, economic and legal sciences, professional direction 3.8 Economics (financial markets and financial instruments) and report by Assoc. Prof. Stanimir Kabaivanov - Dean of the Faculty of Economics and Social Sciences I am nominated as an internal member of the Scientific Jury, approved by a decision of the Faculty of Economics and Social Sciences No. 136 / 08.07.2019

As a reviewer in the competition, I have received all 14 papers included in the application from Chief Assistant Prof. Gergana Valcheva Taneva, PhD, to the Rector for admission to the competition.

According to the Act of the Development of the Academic Personnel of the Republic of Bulgaria, The Rules for the Implementation of the Act of the Development of the Academic Personnel of the Republic of Bulgaria and Additional Requirements for the Academic Position "**Associate Professor**" of the Faculty of Economics and Social Sciences (FESS), candidates for associate professors must meet certain conditions and requirements.

Art. 24. (1) The candidates for academic position "associate professor" shall meet the following conditions:

1. to acquire the educational and scientific degree "PhD";
2. for not less than two years:
  - a. to have been an academic assistant, assistant post;
3. have submitted published monographic work or equivalent publications in specialized scientific journals ... that do not repeat the presented for acquiring the educational and scientific degree "PhD" and for the acquisition of the scientific degree "doctor of sciences".
4. meet the minimum national requirements under Art. 26, para. 2 and 3, respectively the requirements under Art. 26, para. 5;
5. not have a plagiarism in the scientific works proved by the lawful order.

(2) The academic position "associate professor" shall be taken on the basis of competition and selection.

(3) A competition for the academic position "associate professor" shall be opened if the corresponding teaching or research workload can be provided according to the respective regulations of the higher school or scientific organization.

**The additional requirements** of FESS for "Associate Professor" are:

1. To be the author or co-author of a textbook or instruction manual;

2. To have prepared and delivered a lecture course;
3. Being involved in research projects;
4. To participate in the competition with publications in specialized scientific publications: studies or scientific papers and scientific reports;
5. To participate in the competition with publications in scientific journals, referenced and indexed in world-known Scopus and Web of Science databases.

Chief Assist. Prof. Gergana Valcheva Taneva **meets the requirements of Art. 24 (1).1** because it has defended a PhD thesis and has DIPLOME NATIONAL DE DOCTEUR ES SCIENCES ECONOMIQUES, mention tres honorable, Bordeaux, le mars 2011 No. BORDIV 7916346.

Chief Assist. Prof. Gergana Valcheva Taneva **meets the requirements of Art. 24 (1).2a** because with a certificate outgoing. No. U-2049, 24.04.2019, signed by the Rector Prof. Zapryan Kozludzov, is assured that Gergana Valcheva Taneva works at the University on a basic employment contract with Order No. P34-74 / 12.04.2012 as a lecturer at the Department of Finance and Accountancy at the Faculty of Economics and Social Sciences and continues to work.

Chief Assist. Prof. Gergana Valcheva Taneva **meets the requirements of Art. 24 (1).3 as she has presented two independent monographs published:**

- Cryptoassets and the Future Payment Systems, Fast Print Books, Plovdiv 2019, p. 300, ISBN 978-619-236-116-7.
- Policies addressing hedging of currency markets risk, Plovdiv, Fast Print Books, 2019, p. 145, ISBN 978-619-236-073-3.

In the competition documents there is a "List of scientific papers" divided into:

1. Scientific papers that will be reviewed in the Associate Professor Competition.

I. 1. Monographs.

I. 2. Textbooks, teaching aids, book on PhD Thesis.

I. 3. Scientific papers, studies and reports.

II. Abstract and scientific works that are parts of the PhD thesis and not subject to review.

III. Developed e-courses in "focus" on the subjects.

The brief analysis of the 13 **publications submitted for the competition** shows the following:

- 1 publication is a monograph (No. I.1.1);
- 1 publication is a monograph presented as basic habilitation work (No. I.1.2);
- 1 publication is a textbook (No. I.2.1);
- 1 post is a book based on a PhD Thesis (No. I.2.2);
- 1 post is a chapter (chapter 12) of a book (No. I.3.1);
- 5 publications are **in journals** (No.No.1.3.3, I.3.4, I.3.5, I.3.6 and I.3.9);
- 3 publications are in FESS Yearbooks and Research Work (No.No.1.3.2, I.3.7 and I.3.8);
- 9 publications are **independent** (No. No I.1.1, I.1.2, I.2.1, I.2.2, I.3.1, I.3.2, I.3.7, I.3.8 and I.3.9);

- **1 publication is indexed in Scopus (No. I.3.4);**
- 1 publication is in French (No. I.2.2);
- 3 publications are in English (No.No.1.3.1, I.3.3 and I.3.4).

The "Compliance Report ..." includes:

- **8 citations per 2 publications;**
- guidance on first successfully defended PhD;
- participation in 3 national projects, university and Erasmus programs;
- 1 published university textbook;
- 3 e-courses at <http://students.uni-plowdiw.net/>.

In citations is not included a citation of Publication No. I.3.5 in the monograph of Irena Nikolova, Currency risk in the economy, NBU, 2018.

The reviewer considers that Ch. Assist. Prof. **Gergana Valcheva Taneva**, PhD fulfils the requirement of Art. 24 (1).4 because it meets the minimum national requirements under Art. 26, para. 2 and 3, respectively the requirements under Art. 26, para. 5 as well as the additional requirements of the FINS. **There is no apparently plagiarism and according to Art. 24 (1).5 there is no plagiarism in the scientific works proved by the law.**

**The contributions** of Ch. Assist. Prof. **Gergana Valcheva Taneva**, PhD can briefly present themselves as follows:

1. A critical system for analysing and assessing the efficiency and security of the decentralized market has been developed and a comparative characteristic of the essential features between the centralized payment systems and the decentralized ones is made.
2. The advantages of DLT, its challenges and applications in modern payment systems are analysed.
3. The hypothesis is that crypto-currencies at this level of development are a chaotic and disorganized market and cannot function in a crisis situation because they do not have effective mechanisms to deal with.
4. The multitude of crypto-risks as a challenge to regulatory authorities is presented to investigate the risks associated with cryptocurrencies.
5. The econometric model ARIMA is presented, which gives an idea of the dynamics and development of CRIX crypto index, which is a barometer for measuring the market.
6. A theoretical model of competitiveness management based on the analysis of the main indicators and the interrelationships between them as well as the methods of measuring the competitiveness.
7. An adaptive model for the assessment of investment projects is presented as an important condition for increasing the risk financing in Bulgaria in the context of the need to increase the competitiveness of the Bulgarian economy.

**The reviewer has an immediate impression of the teaching and research activities of Chief Assist. Prof. Gergana Taneva and is convinced both in its qualities and in its possibilities for further development.**

## CONCLUSION

All the requirements, conditions and criteria according to the Act of the Development of the Academic Personnel of the Republic of Bulgaria, The Rules for the Implementation of the Act of the Development of the Academic Personnel of the Republic of Bulgaria and Additional Requirements of FESS have been met and I give a definite positive conclusion for the election of Ch. Assist. Prof. Gergana Taneva, PhD in the competition for the academic position "Associate Professor" in the professional direction 3.8 Economics.

**I propose that the Scientific Jury unanimously vote on a proposal to the Faculty of Economic and Social Sciences to elect Chief Assist Prof. Gergana Valcheva Taneva, Ph.D. for the academic position "Associate Professor" in the professional direction 3.8 Economics (financial markets and financial instruments).**

25.07.2019 r.

Reviewer: .....

Acad. Ivan Petkov Popchev