



REVIEW

by competition for the academic position „Professor“

Field of higher education: 1. Pedagogical sciences

Professional direction: 1.2. Pedagogy (Pedagogy and Andragogy)

Candidate: Associate Professor Nadezhda Angelova Kaloyanova, Ph.D.

Author of the opinion: Prof. Lyubomira Simeonova Popova, Ph.D.

„St. Cyril and St. Methodius“ University of Veliko Tarnovo

(Order No. RD - 42 of 13.02.2025 of the Rector of

„Prof. Dr. Asen Zlatarov“ University)

1. Description of the tender procedure

In the announced competition for the academic position “Professor” in professional direction 1.2. Pedagogy (Pedagogy and Andragogy), for the needs of the department “Pedagogy”, announced in the “State Gazette”, no. 94 of November 5, 2024, one candidate participated: Associate Professor Nadezhda Angelova Kaoyanova, Ph.D.

The documents of Assoc. Prof. Dr Nadezhda Kaloyanova submitted for participation in the competition show that the procedure for its disclosure and announcement has been followed and they are in accordance with the requirements of the Law on the Development of the Academic Staff in the Republic of Bulgaria and the Rules for its Implementation, as well as with The regulations for the terms and conditions for acquiring scientific degrees and for holding academic positions at the University “Prof. Dr. Asen Zlatarov”, Burgas.

2. Candidate's biographical data

Assoc. Prof. Nadezhda Kaloyanova graduated from Primary School Pedagogy in 1997, and in 2000 she acquired a Master’s degree in Pedagogy at Plovdiv University „Paisiy Hilendarski“. Since 2007 she has been a PhD in the scientific field 1.2. Pedagogy, scientific major Theory of Education and Didactics at the Higher Attestation Commission with a thesis on the topic School Adaptation of Roma Ethnic Minority Children through the Technology of Productive Learning.

During the period 1997-2007 she worked as a primary school teacher at Primary School „Vasil Levski“ – city of Burgas. She successively held the positions of a part-time lecturer (2002-2009), chief assistant professor (2009-2012) and associate professor from 2012 to the present moment at Burgas State University „Prof. Dr. Asen Zlatarov“. The applicant has shown active participation in a number of trainings, related to additional qualification and project activities. She has been a member of the Union of Scientists – Sofia Branch since 2010.



The total number of Assoc. Prof. Kaloyanova's publications up to the present moment is 105, her participation in conferences – over 40, participation in projects – 15, and H index (according to Scopus or Web of Science): 2.

Two sustainable trends may be defined in Assoc. Prof. Kaloyanova's development – one of them is related to her career growth as a lecturer, and the other one - to her recognition as a researcher and prolific author of scientific publications in the field of Pedagogy and Andragogy.

The presented scientific works by Assoc. Prof. Nadezhda Angelova Kaloyanova, PhD have achieved 1621 points. This corresponds to and exceeds the scientometrics, set out in the Rules on the conditions and procedure for acquiring scientific degrees and for occupying academic positions at Burgas State University „Prof. Dr. Asen Zlatarov“.

3. Scientific indicators

According to the Regulations for the terms and conditions for acquiring scientific degrees and for holding academic positions at the University “Prof. Dr. Asen Zlatarov”, Burgas, the scient metric indicators of the candidate Assoc. Prof. Dr. Nadezhda Kaloyanova for the academic position of “professor” are as follows:

The indicator from group A – 50 items has been fulfilled.

The B indicator is not required for this position.

The indicator from group B - monographs presented as a habilitation thesis – 200 points has been fulfilled.

Total number of points according to indicator B: 438, with required 400 points.

Total number of points according to indicator Г: 608, with a required 600 points.

Total number of points under indicator Д: 470, with a required 300 points.

Total number of points under indicator E: 293, with a required 200 points.

The scientific production presented by Assoc. Prof. Dr. Nadezhda Kaloyanova corresponds to the scient metrics laid down in the Regulations for the conditions and procedures for acquiring scientific degrees and for holding academic positions at the University “Prof. Dr. Asen Zlatarov”, Burgas.

4. Main directions in the candidate's research work and most important scientific contributions

The presented by Assoc. Prof. Kaloyanova scientific works are characterized by their actuality, scientific arguments and pedagogical significance. In terms of their thematic aspect, the publications can be divided into two main directions:

1. Training and professional development of pedagogical specialists. In this direction, combining pedagogical and andragogical aspects, the initial training, qualification and education of teachers and social pedagogues is studied with a view to ensuring quality education. Professional roles, functions, qualities, specific characteristics of the teacher, as well as their projection on the educational process keep the main focus.



2. Theory, practice and diagnostics of training and education. The second direction is entirely centred in the field of Pedagogy and includes works in the field of school didactics, intercultural and inclusive education, pedagogical diagnostics.

The articles and reports, submitted for review, belong to the field of the applicant's research areas and complement the monographic studies in various directions.

Scientific works and contributions

- I accept and agree with the contributions, made by the applicant, separated into the two main directions presented. They are accurately formulated and summarize the achievements of her research activity.

- I highly appreciate the monograph 'The Teacher's Professional Roles - Trends and Prospects' Burgas: Libra Scorpio, ISBN 978-954-471-801-5, p. 265, which is of fundamental importance and is distinguished by theoretical and practical relevance and perspective. The monographic research has a target object - the Bulgarian teacher's professional roles as personal and social constructs. And its subject is the status-role models as theoretically and empirically observed constructs in the professional activity of teachers from the Bulgarian educational school system. The empirical study by an author's methodology, covering 1,600 respondents, is extremely impressive, and apart from teachers from the school education system, directors of educational institutions, other pedagogical specialists and students from the high school stage of secondary school have been studied, and their attitudes towards the status and roles of the teacher in the profession have been established.

- I distinguish with scientific significance the aspects of content and practice of the monograph 'Leadership, Organizational Culture and Mentoring in Educational Institutions' Burgas: Libra Scorpio Publishing House, ISBN: 978-954-471-479-6 and more specifically the part, related to Mentoring in Educational Institutions. I agree with the author's thesis that mentoring is one of the most effective forms to motivate and retain newly appointed teachers in the profession and it is applied in various versions in almost all EU countries. The author emphasizes that national policies for attracting and retaining teachers in the education system affirm mentoring as an effective form for realization of this process.

- The citations reference shows that Assoc. Prof. Kaloyanova is highly recognizable and recognized in scientific circles, has citations in scientific publications, referenced and indexed in world-renowned databases of scientific information (2 issues), in monographs and collective volumes with scientific review (27 issues), citations in non-refereed journals with scientific review (34 issues) - a total of 63 citations.

Scientific works and contributions by thematic direction 1.

1.1. In terms of the teacher's professional roles, Assoc. Prof. Kaloyanova:

- Successfully develops an author's theoretical and empirical model for the study of the status-role models of teachers.

- Scientifically introduces a framework of 12 basic concepts, categorizing concepts from the role theory in a pedagogical context.



- Develops a system of 38 professional roles of the teacher and describes their content.
- Develops a classification of professional roles according to their content relevance in the modern educational environment: traditional, transitional and current (new) roles.
- Develops an author's methodology for research to establish attitudes and to establish real behaviour.
- Creates an author's diagnostic methodology.

1.2. In relation to the training of teachers and the professional development of newly appointed teachers, Assoc. Prof. Kaloyanova analyzes significant aspects of teachers' training and continuing education. Examines the reasons and factors for choosing the teaching profession, the higher pedagogical education status and, particularly, the preparation of teachers for all stages and levels of education. Develops and approves a model for mentoring in educational institutions.

1.3. The applicant thoroughly examines the development of the teacher's socio-personal constructs: authority, non-standardness, empathy. In this relation, she empirically deduces contemporary aspects of the authority of teachers from different stages and levels of the educational system. She makes research and introduces the construct 'professional (rational) empathy' in its relationship with the teacher's empathy as a fundamental quality. Special emphasis is made on the study of the attitudes and manifestations of teachers' non-standardness.

1.4. The applicant contributes in theoretical and practical terms to the development of professional competencies of future social pedagogues for working with third-age people. For this purpose, the author develops and implements a program for health promotion and overcoming of the social isolation of third-age people, based on interaction with students - future social pedagogues.

2. Scientific works and contributions by thematic direction 2.

2.1. In the context of Theory and Practice of School Education, Assoc. Prof. Kaloyanova develops an author's concept to stimulate non-standardness through design thinking.

- Creates methodological approaches for introduction of the psychodrama method when studying complex and abstract concepts in atypical subject areas such as mathematics and natural sciences.

- Presents practically oriented taxonomic frameworks for constructing specific learning goals and for developing an adaptive metric system for assessing STEM competencies.

- Offers 10 author's creative techniques that reinforce the learning effect and motivate participants in the process of project-based learning.

- Develops methodological guidelines for developing problem assignments (case studies) and for applying problem-solving in learning.

- Offers models for modern lessons design, modern systematization of lessons, approaches to designing lessons, descriptors for complex lesson assessment.

- Inspects the prospects for the development of homework in modern education.



2.2. In the field of intercultural and inclusive education

- Offers innovative work forms in a culturally diverse and inclusive environment. Makes a diagnostic assessment of the degree of social integration as an indicator of the success of formal and informal educational activities, performed in kindergarten.

2.3. Pedagogical diagnostics (development and introduction of diagnostic tools)

- I highly appreciate the developed and validated seven author's (co-authored) tools and adapted and validated eight diagnostic tools (independently or in co-authorship).

Conclusion: The scientific works, presented for review by Assoc. Prof. Dr. Nadezhda Kaloyanova, constitute extremely high prolificacy, professional maturity, highly committed presence, competence and depth. At the same time, they express prospects for development and aspiration for innovations, outlining an original author's style in science.

In thematic terms, the applicant's publications fully correspond to the profile of the current competition for the academic position of 'Professor'. Their relevance and the search for innovative approaches and solutions to the phenomenon under study are indisputable. Empirical research has been conducted with ease and professionalism with students, teachers, principals, with a significant number of respondents on topics from several current psychological and pedagogical areas.

The presented scientific publications are influenced in many aspects by the applicant's long-term practice as a teacher, expert, lecturer and participant in a number of scientific research projects. The publications of Assoc. Prof. Kaloyanova have high research and practical value and are a significant factor on the one hand for her recognition as a scientist and researcher, and on the other hand for the development of modern pedagogical knowledge.

5. Critical notes, recommendations, questions

Recommendation: I would like to make the following recommendation, taking into account the scientific and academic activity of Assoc. Prof. Kaloyanova: to develop furtherly the thematic direction, related to Andragogy and to develop aids, tools, and textbooks in relation to the above academic course that she teaches herself, as this may also be a direction for her future growth as a scientist.

6. Conclusion

On the basis of the materials submitted for the competition, I consider that the candidate, Assoc. prof. Dr. Nadezhda Angelova Kaloyanova, meets the criteria for occupying the academic position "Professor", determined by the Law on the Development of the Academic Staff in the Republic of Bulgaria and the Rules for its Implementation, as well as with the Regulations for the terms and conditions for acquiring scientific degrees and for holding academic positions at the University "Prof. Dr. Asen Zlatarov", Burgas.



**BURGAS STATE UNIVERSITY PROF. DR ASEN
ZLATAROV**

FACULTY OF SOCIAL SCIENCES

Department of Pedagogy

I propose to the respected members of the Scientific Jury to vote positively and to propose to the Faculty Council of the Faculty of Social Sciences at the University "Prof. Dr. Asen Zlatarov", Burgas, to elect Assoc. Prof. Dr. Nadezhda Angelova Kaloyanova to the academic position of "Professor" in professional direction 1.2. Pedagogy (Pedagogy and Andragogy).

Date: 08.04.2025

Member of the scientific jury:
(Prof. Lyubomira Popova, Ph.D.)