

STATEMENT REPORT

**under the procedure for acquisition of the educational and scientific degree “Doctor”
by Panagiotis Anagnostu,
of the PhD Thesis entitled: “Evaluation of the effectiveness of the remote online learning
based on the perceptions of learners and trainers”,**

In the Scientific field: **1. Pedagogical Sciences**

Professional field: **1.3. Pedagogy of learning in ...**

Doctoral program “**Teaching Methodology of Mathematics and Informatics**”,

Department „ **Teaching of Mathematics and Informatics**”,

Faculty of Mathematics and Informatics (FMI),

Sofia University “St. Kl. Ohridski” (SU),

The statement report has been prepared by: **Associate Professor Irina Zdravkova Voutova, PhD, FMI-SU,**

as a member of the scientific jury for the defense of this PhD thesis according to Order № ПД 38-155/27.03.2024 of the Rector of the Sofia University.

1. General characteristics of the dissertation thesis and the presented materials

The PhD Thesis consists of 244 pages, 221 of which the author’s text. It includes Introduction, 5 Chapters, References of 70 titles and 13 sites, and Applications. The Introduction substantiates the topicality of the topic. The object of the study and the subject of the study are assigned. 5 hypotheses are formulated. 5 objectives are set. 3 tasks are set.

Chapter 1 presents a literature review on distance education and the role that ICT plays in distance education. The chapter clearly presents the knowledge and understanding of the author about the thesis topic and creates solid grounds for the design of the empirical research.

Chapter 2 presents the framework of Non-Formal and vocational education and learning. At the end of the chapter the author describes the situation in VET system during pandemic and combines the characteristics of distance education with the characteristics of VET, which create a proper foundation for the empirical research.

In Chapter 3 the author documents the need to strengthen the literature on the effect of distance education during the pandemic on learning objectives with the present empirical study, as well as to present the tools used to implement the empirical study. It is specified that 774 learners and trainers fulfilled the questionnaires, and the semi-structured interviews were conducted with 17 learners and 17 trainers.

Chapter 4 presents the most important results of the quantitative and qualitative analysis described in Chapter 3.

In Chapter 5 the author sums up the conclusions of all previous chapters and summarizes the answers to the research questions.

2. Short CV and personal impressions of the candidate

It is evident from the Curriculum Vitae that after completing a bachelor's program in the field of Physics at the University of Patras, Greece, in 1993, Panagiotis Anagnostou developed in the field of education.

In 2003 he has completed the master's program "Social Pedagogy", at "St. St. Cyril and Methodius" University of Veliko Tarnovo. In 2005 he has completed the master's program "Informatics – Computer Information Systems", at "St. St. Cyril and Methodius" University of Veliko Tarnovo. In 2013 he has completed the master's program "Studies in Education" at Hellenic Open University. In 2015 he has completed the master's program "Education and Special Education" at University of Rome, Italy.

All the while upgrading his qualifications, Mr. Anagnostou has been a lecturer in the field of Informatics and Information Technology.

From 2013 to 2019, he was the director of the Public Institute of Vocational Training of Patras. From 2019 until now, he has been the director of the Public Institute of Vocational Training WEST.

I know Panagiotis Anagnostou as a student in the doctoral program "Teaching Methodology of Mathematics and Informatics", and from his participation in the annual seminar of the "Teaching of Mathematics and Informatics" department.

3. Content analysis of the scientific and applied achievements of the candidate, contained in the presented PhD thesis and the publications to it, included in the procedure

The scientific and applied contributions of the study are indisputable and are also reflected in the mentioned eight publication in which Panagiotis Anagnostou participated as a co-author.

4. Approbation of the results

Based on the submitted documents, we can conclude that:

- a) the scientific works meet the minimum national requirements (under Art. 2b, para. 2 and 3 of ADASRB*) and respectively to the additional requirements of Sofia University "St. Kliment Ohridski" for acquiring the educational and scientific degree "Doctor" in the scientific field and professional field of the procedure;*
- b) the results presented by the candidate in the dissertation work and scientific works to it are original;*
- c) there is no plagiarism proven in the legally established order in the submitted dissertation work and scientific papers under this procedure.*

5. Qualities of the abstract

The abstract meets all the requirements for its preparation, as well as it correctly presents the results and the content of the dissertation.

6. Conclusion

Having become acquainted with the PhD thesis presented in the procedure and the accompanying scientific papers and on the basis of the analysis of their importance and the scientific and applied contributions contained therein, **I confirm** that the presented PhD thesis and the scientific publications to it, as well as the quality and originality of the results and achievements presented in them, meet the requirements of the Act on Development of the Academic Staff in the Republic of Bulgaria, the Rules

for its Implementation and the corresponding Rules at the Sofia University “St. Kliment Ohridski” (FMI-SU) for acquisition by the candidate of educational and scientific degree “Doctor” in the Scientific field 1. Pedagogical Sciences, Professional field 1.3. Pedagogy of learning in... In particular, the candidate meets the minimal national requirements in the professional field and no plagiarism has been detected in the scientific papers submitted for the competition.

Based on the above, **I strongly recommend** the scientific jury to award Panagiotis Anagnostou, the educational and scientific degree “Doctor” in the Scientific field 1. Pedagogical Sciences, Professional field 1.3. Pedagogy of learning in (Teaching Methodology of Mathematics and informatics).

Date: 6.06.2024

Signature:.....

/Assoc. Prof. Irina Voutova, PhD/