

## OPINION

by **prof. Ivan Ganchev Garvanov**, ULSIT, Sofia

member of a scientific jury in a competition for the occupation of the academic position PROFESSOR, announced by SWU "Neofit Rilski" in the State Gazette № 52 / 02/07/2019 in the professional field 4.6 Information Science and Computer Science (Information Technology)

Three candidates have been admitted to the competition.

**1. Assoc. Prof. DSc Krasimir Yankov Yordzhev**

**2. Assoc. Prof. PhD Stefan Minev Stefanov**

**3. Assoc. Prof. PhD Daniel Ivanova Tuparova**

I submit opinions in alphabetical order to the candidate's family.

### **Candidate 1 Assoc. Prof. DSc Krasimir Yankov Yordzhev**

#### ***I. Summary data on the applicant's scientific production and activities***

##### ***Research activity:***

Assoc. Prof. Krasimir Yordzhev has submitted lists of 108 publications and 157 citations. For the competition he has submitted lists (some of the publications are missing in the electronic materials) with:

- 37 publications, of which 11 have been indexed in the international databases accepted for PF 4.5 and PF 4.6 and described below;
- 120 citations, 26 of which are in publications indexed to international databases of scientific information.

The publications are both stand-alone and co-authored.

Referring to Scopus and Web of Science, I found that the candidate had achieved Web of science h index - 2, Scopus h index - 2, Scopus h index without citation - 1.

In the Web of Science, out of 10 publications, 6 of the publications are classified in the Mathematics category, the rest are in Applied Mathematics, Educational Research, Statistics and Probability.

In Scopus 1, the publication is classified in Computer Science, 9 in Mathematics and 1 in Decision Making.

According to the internationally recognized ACM Computer Classification System (CCS) 2012, dissertations, indexed publications that participate in the competition could be categorized as ACM CCS • Mathematics of computing ~ Discrete mathematics • Mathematics of computing ~ Combinatorics, part of unindexed publications can be categorized into ACM CCS categories - • Applied computing ~ E-learning • Applied computing ~ Aerospace.

Only a small part of the non-indexed publications, with which Assoc. Prof. Krasimir Yordzhev applied for the competition could be related to the field of the competition - Information Technologies.

In 2014, he defended his dissertation for the degree of Doctor of Science in PF 4.6. Computer science and computer science.

Although the candidate has not specified the areas of his research, he can say that he has a wide range of interests and they can be defined as: mathematics, applied mathematics, programming, applications of mathematics and informatics in psychology, e-learning in the Republic of Yemen, catastrophe theory, weaving machines, etc.

In the certificate for the fulfillment of the minimum requirements the applicant indicated that he fulfilled all the criteria. The total number of points is 798.

Accurate data on scientometric indicators cannot be given according to the minimum requirements, as defined in the Regulation for the implementation of the law for academic staff development in Republic of Bulgaria (LASDRB) due to discrepancies and inaccuracies in the presented tables, lists and publications.

The applicant has participated in two national educational projects - Student Practices and a project under the Program "Updating Higher Education Curricula in accordance with Labor Market Requirements" as a key expert. The other mentioned projects are under the "Ordinance on the terms and procedure for the evaluation, planning, distribution and spending of the state budget funds for financing the scientific or artistic creation activity inherent in the state higher education institutions", Ordinance 9 of 08.08.2003 and Ordinance 3 of 27.11. 2015 of the MES or the like. "Internal projects".

He is the head of three successfully defended PhD students - two of which are head by another scientific supervisor.

He is a member of the Union of Mathematicians in Bulgaria and the Union of Scientists.

He has written reviews and has been a member of the editorial boards in 28 conference proceedings and journals in Bulgaria and abroad.

#### ***Pedagogical activity***

Since 2001 year Assoc. Krasimir Yordzhev has been working at the Neofit Rilski Southwestern University. He has developed curricula and courses in the following disciplines: Data Structures and Algorithms, Programming and Data Structures, Computer Programming and Use, Object-Oriented Programming, Graphic Design, Discrete Structures, Informatics, C ++ Builder Programming, Object Pascal and Delphi Programming. He has also taken an Internet Programming course.

He has supervised 31 graduates, some of whom have joint publications. He has co-authored 5 teaching aids - manuals for solving problems in differential equations, mathematical analysis, linear algebra and analytical geometry.

In the presented materials I do not find any other additional information and a separate reference for the fulfillment of the additional requirements set out in the Internal Rules for Implementation of the LASDRB.

## ***II. Evaluation of the scientific and practical results and contributions of the creative production submitted for participation in the competition***

For review and participation in the competition, Assoc. Prof. Krasimir Yordzhev presented a list of 37 publications, 4 of them with claims for monographs ([3], [4], [5], [7]), 2 chapters of collective monographs ([16], [17]), which in the list of publications for participation in the competition are described as articles, 11 indexed publications in the international databases, in accordance with the Rules for the application of LASDRB.

### ***Indexed articles are:***

- publications indexed in Web of Science plus Scopus or other scientific information databases - [18], [19], [20], [22], [23] - in Q1 for 2017 and Q2 for 2018 in areas Mathematics and Applied Mathematics, [24], [25] - in Q2 for 2017 and Q3 for 2018 in Mathematics, [30] - in Q1 for 2017 and 2018 in Applied Mathematics;

- only in Scopus with SJR - [37].

- only in other databases - [33], [67].

In non-indexed editions 20 articles have been published - [21, 26, 27, 28, 29, 31, 32, 34, 36, 38, 41, 43, 50, 53, 56, 69, 79, 80, 81, 82].

The candidate, Assoc. Prof. DrSc. Krasimir Yordzhev, has submitted the abstracts of the publications with which he participates in the competition, **but there is no reference to the scientific contributions.**

### ***III. Critical notes and recommendations***

The overall impression of the submissions is the discrepancy in the lists of publications and citations, the table to cover the minimum requirements and the submissions for review.

The table for the fulfillment of the minimum requirements does not reflect all the indexed publications with which Assoc. Prof. K. Yordzhev applied for the competition and all the citations with which he applied.

No reference is made to scientometric indicators to meet the minimum requirements for a PhD. I suppose that the minimum requirements are met, but it is also appropriate to provide the relevant evidence, since the table for minimum requirements for the academic position of professor includes points for the degree of Doctor of Science. This question would not have been raised by me if the candidate had proven himself in the NACID system.

References to original scientific contributions are missing. Only abstracts of the publications in the review list are included. There is no self-assessment of the areas in which the applicant works.

Publications [3], [4], [5] lack information for a scientific editor or reviewer. That is, [3, which is referred to as habilitation work in Criterion B, does not meet the requirements of the LASDRB for a monograph. Formally, the pages of publications [4] and [7] are below 100, although when it comes to mathematical formulas and program code it is difficult to comment on the number of pages, lines and symbols.

The summary of a publication [3] claiming habilitation work and referred to in criterion B of the minimum requirements is too sparse and does not provide sufficient information about its content. The title of this publication is K. Yordzhev, Bitwise Operations and Combinatorial Applications. Lambert Academic Publishing, 2019, ISBN: 978-613-9-44356-7, although published in English, is very close to the title of the book [5] K. Yordzhev, Bitwise Operations, Columns, and Combinatorial Applications. SWU "N. Rila ", ISBN978-954-680-961-2,2014, participating in Criterion D, Indicator 6. of the minimum requirements. (A book published on the basis of a dissertation thesis) as well as to the topic of the dissertation for the degree of Doctor of Science.

#### ***IV. Conclusion for the candidate Assoc. Prof. Krasimir Yankov Yordzhev***

Assoc. prof. DrSc Krasimir Yankov Yordzhev does not meet the requirements for occupying the academic position of "professor" in the announced competition in PN 4.6. Informatics and Computer Science (Information Technology)

Motivation:

Publications [3], [4], [5] and [7] do not meet the definition of a monograph according to the Supplementary Provisions, §1, item 10.

Candidates' contributions to the creative production submitted for participation in the competition have not been presented.

The indexed publications that determine the scientometric indicators for occupying the academic position of "professor" are classified according to international databases mainly in the field of mathematics and applied mathematics.

Only part of the non-indexed publications corresponds to the competition profile in PF 4.6. Informatics and Computer Science (Information Technology)

#### **Candidate № 2 Assoc. Prof. PhD Stefan Minev Stefanov**

##### ***I. Summary data on the applicant's scientific production and activities***

###### ***Research activity:***

Assoc. Prof. Stefan Minev Stefanov has presented in the report on the fulfillment of the minimum requirements for the Doctor of Science and the occupation of the academic position of "Professor" a total of 39 publications, of which 1 monograph, 1 textbook, 1 textbook and 36 in publications. indexed in the International Databases and 94 citations, designated in PF 4.5 and PF 4.6 in the Implementing Regulations of the LASDRB, which are also in indexed editions. Lists of other publications and citations were not provided.

In order to participate in the competition, the applicant submitted 24 publications for review, two of which submitted documents proving their acceptance for publication. All publications are standalone, which is not typical of research in the field of PF 4.6 Computer Science and Computer Science.

Referring to Scopus and Web of Science, I found that the applicant for his entire scientific career had achieved Web of Science h index - 2, Scopus h index - 5, Scopus h index without quotation - 3. The highest h index is generally accepted without quoting.

Prof. Stefan Stefanov's scientific interests are in the field of operations research, numerical methods, optimization problems.

In Web of Science of 9 indexed there two posts are classified in Information and Library Science, others are in areas Mathematics, Applied Mathematics, Engineering Science, Probability and statistics.

In Scopus out of a total of 22 publications, 2 are classified in Computer Science, 19 in Mathematics, 4 in Decision Sciences and 1 Engineering. (Some of the publications are classified in more than one area).

According to the internationally recognized classification in computer science and computer science - ACM CCS 2012, thesis work and part of publications could probably be classified into the categories of ACM CCS 2012: • Mathematics of computing ~ Numerical analysis • Mathematics of computing ~ Mathematical optimization.

The Minimum Requirements Report provides data for the doctoral degree requirements, with 12 indexed publications included. The total sum of the points in the table for the Doctoral Research Institute is 404 with a minimum of 80. Probably with a successful defense, if the publications do not cover the dissertation work for acquiring the Doctoral degree, Assoc. Prof. Stefanov could also cover the requirements for scientific a PhD in Operations Research.

A total of 2,200 points are indicated in the certificate to cover the minimum requirements for occupying an academic position of "professor". These points include also points collected from papers for proof of PhD degree.

Assoc. Prof. Stefan Stefanov has led an international project on the DAAD program, in which he co-chaired with two other colleagues. He has participated in three other Tempus international projects, INTERREG. As a key expert, he has participated in one project under the Human Resources Development and in one project with the MES NSF. He specified leadership and participation in the so-called "internal projects" under the regulations of the Ministry of Education and Science. Participation, guidance and 'fundraising' in these types of projects are not included in the minimum requirements indicators, which is why the total score in the E18 scoreboard should be reduced by 4.6, which would not significantly affect the final number. points. He has directed one PhD student along with another supervisor.

He is a member of prestigious national and international organizations such as the American Mathematical Society, Canadian Mathematical Society, London Mathematical Society, European Mathematical Society and others. - a total of 11

He has participated in four scientific juries as an internal member in the procedures of the NEU Ritski University. He has participated in 41 national and international conferences. He has participated in three accreditation procedures.

He has a six-month specialization in MIT, USA in 1997/1998.

Since 2019 he is an associate editor of TARU Journal of Organizational Behavior & Analytics (TARU Publications and Taylor & Francis)

He has been a member of over 20 program or organizational committees at conferences in Bulgaria and abroad.

He is a reference for the abstracts Mathematical Reviews and ZentralblattMATH.

There is one national and one international award.

He has reviewed articles in over 20 prestigious international publications.

### ***Pedagogical activity***

Since 1992 year sssoc. Prof. Stefan Stefanov has been an associate professor at the University of Neofit Rilski, since 2003 he has been an academic position associate professor.

He has developed curricula and takes courses in: Numerical Methods, Mathematical Optimization, Numerical Methods for Extreme Problems, Numerical Methods in Engineering, Computer Methods for Mathematical Calculations, Quantitative Methods in Management, Numerical Methods and Programming, Methods for Processing Experimental Data.

He has supervised 23 graduates.

He is the author of a textbook published in 2003 and a textbook. issued in 1998. There is no explicit evidence that the textbook and the teaching aids have not been used in previous procedures since they were issued prior to or in the year of the academic position of associate professor. In the absence of such evidence, points of indicators E19 and E20 should be dropped.

In the submitted materials I do not find any other additional information and a separate reference for the fulfillment of the additional requirements set out in the Internal Rules for Application of the LASDRB at NEU "Neofit Rilski".

## ***II. Evaluation of the scientific and practical results and contributions of the creative production submitted for participation in the competition***

For participation in the competition and reviewing, Assoc. Prof. Stefan Stefanov presented one monograph and 24 indexed articles.

Separable Programming: Theory and Methods, the first edition of which was published in 2001 by Kluwer and has three additional Springer editions, has been presented as a criterion B. The monograph is published before the defense of the PhD thesis on the topic "Convex Separable Optimization Tasks" and there is no evidence that it was not used in procedures for academic degrees and academic positions prior to this procedure.

24 indexed publications are presented as follows:

- Web of Science plus SCOPUS and / or other databases - [2] - Q1 in Operations Research Area 2001, [16] - Q3 for 2014 in Mathematics, Interdisciplinary Applications, [17] - Q1 for 2015 in Research of operations, [18, 19, 20]

- indexed in SCOPUS with SJR - [1, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 15];

- in other databases - [3, 11]

Letters of acceptance were submitted for publications [23 and 24].

Publications numbered 1, 2, 3 and 4 were published before or in the year of the academic post of Associate Professor. There is no evidence presented that they were not used in previous procedures for degrees and positions.

The author's reference does not describe the contributions and results obtained in the rehabilitation work. The presented articles are in the following main areas and have scientific value in the field of mathematical modeling and optimization, operations research:

- Convex separable optimization - theoretical results and algorithms; including Knapsack Problem, nonlinear transportation task, and related tasks (2, 3, 4, 7, 8, 9, 10, 11, 12, 13, 17, 19, 21, 23);
- Quadratic optimization problems (5, 18, 20);
- Design algorithms for admissible sets of a certain type (1, 6);
- Stochastic optimization and non-differentiable optimization (Articles 1, 16);
- The correctness (sustainability, well-posedness) of optimization tasks (15);
- Valid and dominant inequalities, intercepting the hyperplanes and the integer of some multifaceted sets (14);
- Reverse interpolation applications (22);
- Alternative Theorems (24).

The publications do not outline information technology contributions.

### ***III. Critical notes and recommendations***

No reference was made to the fulfillment of the additional requirements according to the Rules for the Development of the Academic Staff at SWU "Neofit Rilski", although evidence was presented to cover some of the additional requirements.

For the habilitation work, articles with numbers [1, 2, 3 and 4], the textbook presented in indicator E19 and the textbook in E20, published in or before 2003, when the candidate has occupied an academic position of associate professor are not presented evidence that they have not been used in previous procedures for academic degrees or academic positions.

This prevents the correct determination of the minimum requirements for the individual criteria and the total number of points for all the criteria. Criterion B is particularly critical.

Assoc. Prof. Stefan Stefanov has an active membership in international organizations and experience as a peer reviewer in international publications, a sufficient number of indexed publications, and could successfully defend an academic position of "professor" or scientific degree "doctor of sciences" in the field of mathematical modeling and operations research.

In the scientific studies, Assoc. Prof. Stefan Stefanov works independently. It is advisable to pass on his wealth of experience to younger colleagues and to focus on teamwork, a skill that is crucial to modern science.

#### ***IV. Conclusion for the candidate Assoc. Prof. Dr. Stefan Stefanov***

Assoc. Prof. Stefan Stefanov has extensive experience in teaching courses in numerical methods and optimization, high quality publication activity in operations research, but not in information technology, which determines the profile of the competition and the provision of hours specified in the proposal to open the academic position of "Professor".

The scientific research are in the field of applied mathematics.

There is no evidence that the submitted monograph on rehabilitation work has not been used in previous procedures for academic degrees and academic positions.

Unfortunately, the presented facts do not allow me to give a positive assessment of Assoc. Prof. Stefan Stefanov for the occupation of the academic position of "Professor" in PF 4.6. Informatics and Computer Science (Information Technology).

#### **Candidate № 3. Assoc. Prof. PhD Daniela Ivanova Tuparova**

##### ***I. Summary data on the applicant's scientific production and activities***

###### ***Research activity:***

Assoc. Prof. Daniela Tuparova, as an annex to the CV, has submitted lists of 150 publications and 245 citations. International databases are indexed as follows: Scopus - 15, Web of Science 16, ACM Digital Library - 5, IEEE Xplore - 8, ZbMath - 2. Some of the publications are indexed in more than one database. There are over 80 citations in indexed editions.

To participate in the competition, she submitted lists of:

- 32 publications, 17 of which have been indexed in the international databases accepted for PN 4.5 and PF 4.6 and described below;
- 77 citations in indexed in international databases publications without avtotsitiraniya.

Co-authored publications predominate.

Referring to Scopus and Web of Science, I found that the candidate had achieved Web of science h index - 3, Scopus h index - 3, Scopus h index without citation - 3. In the Web of Science of 16 publications, 1 of the publications is classified in the Computer Science category, the rest are in the Research in Education, Telecommunications, Engineering and Electronics categories. In Scopus of 15 publications, 12 are classified in Computer Science, 8 in Engineering, 6 in Social Sciences and more.

According to the internationally recognized ACM Computer Classification System (CCS) 2012, dissertation, monographs and other publications with which the competition is eligible could be categorized as ACM CCS: • Human-centered computing ~ Usability testing • Social and professional topics ~ Computing education • Applied computing ~ Education • Software and its engineering ~ Abstraction, modeling and modularity • Software and its engineering ~ Software usability.



All publications to one degree or another are relevant and fall within the profile of the competition - information technology.

In the report on implementation of minimum requirements candidate has indicated fulfillment of all criteria. The total number of points indicated is 1697. A reference is also provided for meeting the minimum requirements for the Doctoral NSA with a total of 103.33 points. Two of the publications are indexed in ZentralBlatt, which also covers the requirements for the PhD degree in PF 4.6.

It struck me that for some of the publications presented in the Academic Post of Professor, indexed in Web of Science without IF, there were 18 points, which should be 30. This would increase the points in criterion D.

Assoc. Prof. Daniela Tuparova has managed 3 international projects and three national projects, funded by the National Science Research Fund at the Ministry of Education and Science, under which at the time of submission of the documents for participation in the competition funds were raised as external financing for NEU Rila ".

In the report to cover the minimum requirements listed five national projects in which it has participated.

According to the curriculum vitae, in addition to the above mentioned projects, she has participated in 7 more international projects, 2 national projects, 5 internal projects for the NEU Ritski SWU and 2 projects at other universities.

She has managed two successfully defended PhD students, currently occupying the academic position of "Assistant Professor" at Sofia University "St. Kliment Ohridski "and RU" Angel Kanchev "

She is a member of the Union of Mathematicians in Bulgaria and the Union of Scientists.

He is a member of the editorial board of Mathematics and Informatics magazine, MES, indexed by Web of Science.

She has authored peer-reviewed scientific publications for Mathematics and Informatics, international and national conferences. Conferences are not specified in the CV or in supplementary material.

She has evaluated scientific projects at the MES NSF.

She has participated in scientific juries for LASDRB.

She has specialized in UCL, London, UK; Heriot-Watt University, Edinburgh, UK; Teacher Training Academy, Donaueschingen, Germany; Agder University, Norway; University of Santiago de Compostela, Spain; Comenius University, Bratislava, Slovakia.

In 2004, she won the Central European Initiative Award.

According to the information provided for the fulfillment of the additional requirements in accordance with the Rules for the development of the academic staff at SWU "Neofit Rilski" she has participated with reports in more than 20 scientific conferences in Bulgaria and abroad.

In 2005, she established an e-learning research laboratory, which conducts research related to various e-learning technologies.

### ***Pedagogical activity***

Since 1988 year assoc. Prof. Daniela Tuparova has been working at the Department of Education at the Neofit Rilski University, and since 2004 has been an academic associate professor.

Developed curricula and courses: Introduction to Programming, Introduction to information systems and technology, interactive multimedia technology, Design of man-machine interface / only curriculum / Programming with VBA, Informatics, Technology and methodology for e-learning platforms and technologies for e-learning, Computer games in training, Information and communication technologies in training and work in digital environment, Methods of training in informatics and IT, Information systems (until 2006), Selected in Rossi school courses in Informatics and IT Technology for examination and assessment of knowledge.

She has supervised over 50 graduates.

The Minimum Requirements Reference lists 10 textbooks and computer modeling for high school, 17 textbooks and computer modeling for high school, a software application for mathematics training approved by the MES. The created textbooks and teaching aids in information technology and computer modeling for secondary school contribute to the development of information technology training and computer modeling at the national level. The CV contains another compendium for solving computer science tasks and a guide for computer science and IT teachers.

The lectures and exercises she conducts are supported by e-learning materials in the e-learning system [www.e-learning.swu.bg](http://www.e-learning.swu.bg).

She has taught in a foreign language, I suppose English, to Greek and PhD students and to students in summer school.

Has carried out a number of ERASMUS mobility programs, European Economic Area Financial Mechanism, Scholarship Fund, Slovak Government Program, having lectured at the University of Rijeka, Croatia; University of Ljubljana, Slovenia; Agder University, Norway; Comenius University, Bratislava, Slovakia. She has participated as a NEAA supervisor in numerous accreditation procedures, including the assessment of environments and specialties in distance learning.

The additional requirements are fulfilled in accordance with the Rules for the development of the academic staff at SWU "Neofit Rilski"

### ***II. Evaluation of the scientific and practical results and contributions of the creative production submitted for participation in the competition***

For participation in the competition and reviewing, Assoc. Prof. Daniela Tuparova presented one monograph, two chapters of collective monographs, 17 indexed publications and 12 unindexed publications.

The monograph on "Usability of digital educational resources" is a volume of 150 pages, has reviewers and a scientific editor. Meets the requirements for a monograph defined in the LASDRB.

One chapter of a collective monograph [13] is separate, the other [17] is co-authored and published abroad.

Indexed posters are in:

- Web of Science + Scopus or other databases - [20, 21, 24,]
- Scopus - SJR [16, 18, 19, 22, 23, 25, 26, 27,], without SJR [28, 29, 30, 31]
- ACM Digital Library - [1, 3].

The non-indexed publications are [2, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15].

Publications numbered [1], [2], [3] were published in 2003 and 2004, ie before and during the year of occupation of the academic position of "Associate Professor". It was declared that it was not used in previous procedures, but I did not find evidence of this.

The results are in:

- Software Usability - [6, 7, 12, 18, 19, 20, 21, 23, 24, 26, 27, 29, 31, 32];
- Modeling and evaluation of e-learning environments and courses - [1, 2, 3, 4, 5, 8, 10, 11, 13, 14, 15, 16, 18, 22, 28, 30]; Research in this category began as early as 1998 in a doctoral thesis on "A Modular Approach to the School Course in Informatics."

- Educational computer games - [25, 27, 28, 30, 32];
- Analysis of the status and trends in e-learning - [13, 17]. The author's reference is indicated [12, 17].

The contributions are in the field of information technology and their application in education.

From a practical and social point of view, a significant number of textbooks and teaching aids for secondary schools are important for attracting more young people to the IT sector at national level.

The author's reference details the candidate's contributions that fall within the scope of the competition 4.6 Computer Science and Computer Science (Information Technology).

### ***III. Critical notes and recommendations***

It would be good to have the numbering of the publications in the copyright certificate and in the table of minimum requirements synchronized.

I noticed a discrepancy in the number of indexed publications in the international databases and in the references and the CV as well as in the points reflecting the citations. Some of the publications in criterion D were rated less. Properly evaluating them would increase scientometric performance.

It has declared that the publications with which it has participated in the competition have not been used in previous procedures, but no evidence has been submitted for publications under criterion D with numbers [1], [2], [3] which were published before or in the year (2004). of Academic Associate Professor position. Lack of evidence would reduce the points in criterion D, but would not affect the fulfillment of that criterion.

The CV indicates more projects than those listed in the table for meeting the minimum requirements.

I recommend continuing research into software usability and extending it to other areas.

***IV. Conclusion for the candidate Assoc. Prof. Dr. Daniela Ivanova Tuparova***

Assoc. Prof. Daniela Ivanova Tuparova covers the minimum requirements for occupying the academic position of "Professor" in accordance with the LASDRB and the Regulations for its application and the additional requirements in the Rules for the Development of Academic Staff at SWU "Neofit Rilski".

Scientific interests and results are in the field of modeling, development and analysis of software applications, design and analysis of human-machine interaction.

She has extensive experience in teaching disciplines that are outlined in the proposal for the competition.

Her research and her international and national projects, the established cooperation with colleagues from European universities, are evidence of a very good teamwork skills, which is an important characteristic of the modern researcher in the field of information science and computer science, and in particular in the field of information science technologies.

I give A POSITIVE EVALUATION for the occupation of the academic position of "Professor" in the announced competition in PF 4.6. Informatics and Computer Science (Information Technology).

***V. Overall Conclusion and Arrangement of Applicants***

Considering the above arguments and conclusions, I propose that the Honorable Scientific Jury propose a selection from the FS of the PMF to the South-West University "Neofit Rilski", announced in the State Gazette no. 52 of 02.07.2019 Competition for Academic Position "Professor" in PF 4.6. Informatics and Computer Science (Information Technology) Assoc. Prof. PhD Daniela Ivanova Tuparova.

Date 24.10.2019

Member of the Jury: 

(Prof. Ivan Garvanov)