

REPORT

to occupy the academic position:

"Professor"	
"Associate Professor"	X
	one of the academic positions indicated shall be marked with the sign "X"

Candidates to occupy the position:

1	Assist. Prof.	PhD	Svetla	Dimitrova	Lekova	UCTM
№	academic position	scientific degree	name	middle name	last name	workplace

Scientific area:

5	Technical sciences
code	name

Professional area:

5.2.	Electrical engineering, Electronic and Automation
code	name

Scientific specialty:

02.21.06. Automation of engineering labour and computer-aided design systems
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The competition has been announced:

67	04.08.2023	Automation and Process Control	Faculty of Chemical and System Engineering
in SG issue	date	for the needs of the Department	Faculty

The report was written by:

Corr. Memb., Prof.	DSc	Lyubka	Atanassova	Doukovska	IICT-BAS
academic position	scientific degree	name	middle name	last name	workplace

1. Report for the candidate:

Assist. Prof.	PhD	Svetla	Dimitrova	Lekova
academic position	scientific degree	name	middle name	last name

1.1. Meeting the minimum requirements under the Regulations:

A) The candidate meets the minimum requirements	20 points	X
B) The candidate doesn't meet the minimum requirements	0 points	
		one of the answers given is marked with the sign "X"

It must be filled in if answer B is marked. The publication activity of the candidate is analyzed. The response of the results achieved (quoted) is analyzed.

Assist. Prof. Svetla Lekova satisfies the minimum requirements for holding the academic position of "Associate professor" at the UCTM.

The list of scientific works of Assist. Prof. Svetla Lekova includes - monograph, 6 publications referenced and indexed in world databases and 33 in non-refereed publications.

From the analysis of the competition papers submitted by the applicant we can conclude that the peer-reviewed publications "do not repeat the ones submitted for the acquisition of the educational and scientific PhD degree, in accordance with the requirements of Art. 24 (1), item 3 of the Development of Academic Staff Act in the Republic of Bulgaria.

Present is a list of 25 citations in scientific journals, referenced and indexed in the world databases with scientific information of the Assist. Prof. Svetla Lekova publications. I take that those citations are at the moment of submission of documents and no new ones are included.

1.2. Relevance of scientific and / or applied research:

A) The research is relevant. Part of the research is pioneering (no results are known on the topic by other authors)	8 points	
B) Research is relevant. Results from other authors are known for each of the topics and / or applications studied.	6 points	X
C) Most of the research is relevant, but also some results are presented that have no scientific and / or applied value	4 points	
D) The smaller part of the research is relevant	2 points	
E) Research is not relevant	0 points	
		one of the answers given is marked with the sign "X"

The evaluation of the relevance of the research must be substantiated.

The relevance of the submitted scientific papers is determined by the fact that they cover broad areas of scientific knowledge.

1.3. Objectives of the research:

A) Realistic and of scientific and / or applied interest	8 points	X
B) Realistic, but not of scientific and / or applied interest	4 points	
C) Unattainable (unrealistic)	0 points	
		one of the answers given is marked with the sign "X"

Objectives must be specified. The type of the set objectives must be justified

The objectives of the research are realistic and are related to the application of statistical methods, which allows overcoming the complexity of the studied processes and subsequent computer simulation aimed at predicting the expected results. The candidate's research is oriented towards solving real problems of engineering practice and has a scientific, scientifically applied and applied character.

1.4. Candidate research contributions:

A) With lasting scientific and / or applied response, they form the basis for new research and applications	20 points	
B) They are of significant scientific and / or applied interest, complete and / or summarize previous research	16 points	X
C) They are of scientific and / or applied interest	12 points	
D) Lack of significant contributions	8 points	
E) Lack of contributions	0 points	
		one of the answers given is marked with the sign "X"

Contributions must be specified. The type of results achieved must be justified.

I accept the contributions formulated by the candidate in the works with which Assist. Prof. Svetla Lekova participates in the competition, as the results are scientifically applied and applied and can be defined as enriching an existing scientific field with new knowledge and are the basis for new directions of research and applications.

1.5. Participation of the candidate in the achievement of the presented results:

A) The candidate has at least an equal participation in the submitted papers	8 points	X
B) The candidate has at least an equal participation in most of the submitted papers	7 points	
C) The candidate has a secondary participation in most of the submitted papers	4 points	
D) The candidate participation is unnoticeable	0 points	
		one of the answers given is marked with the sign "X"

Critical notes must be provided if one of the items C or D is marked.

1.6 Pedagogical activity:

A) The candidate has effective and sufficient pedagogical activity at the university. The textbooks issued are modern and useful (they meet the requirements of the Regulations). The work with undergraduate and doctoral students is at a high professional level.	8 points	X
B) The candidate has sufficient pedagogical activity at the university. The textbooks issued satisfy the requirements of the Regulations.	6 points	
C) The pedagogical activity and / or textbooks issued are insufficient (do not meet the requirements of the Regulations)	0 points	
		one of the answers given is marked with the sign "X"

Critical notes must be provided if one of the items B or C is marked.

1.7. Critical notes:

A) Lack of critical notes	8 points	X
B) Critical notes of a technical nature	7 points	

C) Critical notes that would partially improve the results achieved in a small part of the research	5 points	
D) Critical notes that would partially improve the results achieved in most of the research	3 points	
E) Significant critical notes	0 points	
		one of the answers given is marked with the sign "X"

Critical notes must be provided if one of the answers C, D or E is marked.

1.8. Conclusion

A) The evaluation of the candidate's activity is POSITIVE	This evaluation is assigned to a total number of at least 50 points	X
B) The evaluation of the candidate's activity is NEGATIVE	This evaluation is assigned to a total number below 50 points	
		one of the answers given is marked with the sign "X"

To be filled in if requested by the member of the scientific jury
<p>I would like to recommend the candidate to focus her efforts on increasing her publication activity in reputable international journals.</p> <p>After getting acquainted with the materials submitted by the applicant for the competition, I give my positive estimation about the choice of Assist. Prof. Svetla Lekova in the competition for the academic position of Associate Professor in the Professional Area 5.2. Electrical engineering, Electronic and Automation.</p>

20.11.2023	The report was written by:	
date	Corr. Memb., Prof. Lyubka Doukovska, DSc	signature