

REPORT
to occupy the academic position:

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

Candidates to occupy the position:

1	Assoc. Prof.	Dr. Eng.	Andriana	Risk	Surleva	UCTM
№	academic position	scientific degree	name	middle name	last name	workplace

Scientific area:

4	Natural Sciences, Mathematics and Informatics
code	name

Professional area:

4.2.	Chemical sciences
code	name

Scientific specialty:

4.2. Chemical Sciences (Analytical Chemistry)
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The competition has been announced:

64	05.08.2025	Analytical Chemistry	Faculty of chemical technology
in SG issue	date	for the needs of the Department	Faculty

The report was written by:

Prof.	Dr. Eng.	Stela	Ivanova	Georgieva-Kiskinova	UCTM
academic position	scientific degree	name	middle name	last name	workplace

1. Report for the candidate:

Assoc. Prof.	Dr. Eng.	Andriana	Risk	Surleva
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.

The candidate for the academic position "Prof.", Assoc. Prof. Dr. Eng. Andriana Surleva, meets the requirements under the terms and conditions set out in the Academic Staff Development Act and the Regulations for its implementation. The publications attached to the competition for professor are 35, with 33 of the manuscripts being refereed in the Scopus and/or Web of Science database (Q1-2; Q2-8; Q3-1; Q4 - 2; SJR-20), with 2 in non-indexed journals. The total number of points under Indicators 4 (160 points) and 7 (289 points), evaluating the candidate's publication activity, is 449 points. The scientific activity, expressed through the dissemination of scientific achievements as citations, is 276 points, out of the citations noticed a total of 138, and all citing sources are publications referenced in Scopus and/or Web of Science, according to the requirements of the competition. The **total number of points of the candidate from all indicators is 1099 points**, which many times exceeds the required minimum of 600 points.

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"
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The evaluation of the relevance of the research must be substantiated.
<p>The scientific research of Assoc. Prof. Surleva are in current areas: analytical control of industrial waste, sustainable technologies, geopolymers, methods for environmental analysis and agrochemical analyses. The results are in line with current trends related to the circular economy, environmental risk, sustainable development and the analysis of cutting-edge materials. Her works are interdisciplinary and involve international collaboration.</p>

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
<p>The goals set in the research are realistic, with scientific and applied interest. From the published scientific production, it can be seen that the goals set reflect the modern requirements for analytical chemistry. The main directions include: development of analytical protocols and methods for assessment of industrial waste; optimization of analytical methods for environmental objects; assessment of the reactivity of materials for geopolymers; improvement of methodologies for analysis of agrochemical indicators; creation and validation of forensic methods.</p>

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	
C) They are of scientific and / or applied interest	12 points	X
D) Lack of significant contributions	8 points	
E) Lack of contributions	0 points	
		one of the answers given

		is marked with the sign "X"
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Contributions must be specified. The type of results achieved must be justified.

The scientific research of Assoc. Prof. Dr. Eng. Andriana Surleva lead to clearly formulated and significant scientific and applied scientific contributions. The main contribution is the development of analytical approaches for the characterization of industrial waste and their application in the production of geopolymer materials with a low environmental footprint. The applicant also achieves important results in the optimization and validation of methods for the analysis of environmental objects, including the assessment of the mobility and bioavailability of pollutants. Her contributions in the field of agrochemical analyses through the improvement of methods for determining plant-assimilable elements in soils are also significant. Also notable is the candidate's contribution to the optimization and validation of the SEM/EDS method for identifying traces of gunpowder burns, which are internationally applicable. The data obtained are the basis for the revision of the GSR sampling working protocol in the Republic of Kosovo. A large part of the results obtained by Assoc. Prof. Surleva are interdisciplinary in nature and combine fundamental and applied aspects, which emphasizes their value and relevance.

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.

The candidate's scientific production is distinctive, with international visibility. Assoc. prof. Dr. Eng. A. Surleva has a clearly recognizable and leading contribution to the presented scientific results. In a significant part of the publications, she is the first or corresponding author, which shows active participation in the formulation of tasks and in the analysis of data. It has a leading role in the development and optimization of analytical methodologies used in research. Her involvement as a project manager and supervisor of PhD students further highlights her personal contribution and organizing role. The results achieved are directly related to its systematic research work.

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.
The candidate has a sustainable participation in the training of students at UCTM and his activities contribute to improving the quality of the educational process. She is the author of 1 textbook and participates in the development of new curricula and laboratory exercises.

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

The presented materials prove that Assoc. Prof. Dr. Eng. Andriana Risk Surleva is an established scientist with a high contribution to the field of analytical chemistry. Its scientific production is significant in volume and quality, complemented by active teaching, successful work with PhD students and participation in scientific projects. The candidate has all the necessary professional and scientific qualities to occupy the academic position of "Professor". Based on the data presented and the analysis carried out, I propose Assoc. Prof. Dr. Eng. Andriana Risk Surleva to be elected for the academic position of "Professor" in 4.2. Chemical Sciences (Analytical Chemistry).

01.12.2025	The report was written by:	
date		signature