



## OPINION

regarding the competition for "Associate professor" in the field of Higher Education 4. Natural sciences, mathematics and informatics, direction 4.5. Mathematics, scientific specialty Geometry, announced in the Official Gazette 97 of 21.11. 2023 with a single candidate Chief assistant PhD. Dimitar Rumenov Razpopov from the Department of Mathematics and Physics, Agricultural University of Plovdiv. The opinion was prepared by Prof. DSc Veselin Totev Videv, Department of Informatics and Mathematics, Faculty of Economics, Thrakia University of Stara Zagora, determined according to Order No. RD-16-43/19.01.2024 of the Rector of the Agricultural University - Plovdiv, as a member of the scientific jury.

**1. Brief introduction of the candidate.** In the period 1992-1998 Chief Assistant Ph.D. Dimitar Razpopov graduated from the Master's Degree at the Faculty in Mathematics and Informatics at University of Plovdiv major "Mathematics and Informatics". From 2000 to early 2004 his career development is a high school teacher of informatics and information technologies. From 2004 to 2006, he continued his professional realization in scientific field 4. Natural sciences, mathematics and informatics, when selected for assistant professor at the Agricultural University, Plovdiv. The teaching activity of Chief Assistant Ph.D. Razpopov consists in giving lectures and exercises on the disciplines "Higher Mathematics" and "Applied Mathematics". In 2006 and 2008 successively climbed the academic ladder as senior assistant and principal assistant. In 2019, he successfully defended his doctoral dissertation on Differential geometry on the topic "On the geometry of a Riemannian manifold with two circulating structures" and acquires the "Ph. D" in a scientific specialty "Geometry and topology", attached Diploma No.1000350/28.01.2019.

**2. General description of the scientific production.** In the competition for "Docent", Ch. assistant professor, Ph.D. Dimitar Razpopov participated with general production of 21 scientific papers, grouped as follows:

- ❖ Scientific publications on the nomenclature specialty - 19 issues, of which:
  - Publications related to the doctoral dissertation - 6 issues that do not subject to consideration;
  - Publications with an impact factor – 5 issues;
  - Publications in peer-reviewed and refereed scientific journals – 5 issues;
  - Publications in conference proceedings – 3 issues.

The personal participation of Ch. Assistant Professor Dimitar Razpopov, Ph.D., in the mentioned 13 scientific works is illustrated by the fact that in 1 he is independent, in 6 he is the first author, in 9 he is the second author, and in the remaining 4 he is the third and subsequent author.

- ❖ Study guides - 2 copies.

To prepare the opinion, 13 scientific issues are subject to analysis works.

### 3. Teaching activity. Academic employment of the candidate:

Years	Lectures	Exercises	Extracurricular employment	Total hours
2018/2019	-	219	-	219
2019/2020	134	232	80,6	446,6
2020/2021	198	446	86,2	730,2
2021/2022	144	469	124,75	737,75
2022/2023	128	446	93,5	667,5
<b>Total:</b>				<b>2801,5</b>

The teaching activity is complemented by the guidance of 4 successful defended graduates. Published study materials: 2 full-text manuals. Developed curricula. In Higher Mathematics, Applied Mathematics, financial mathematics, statistics, econometrics, linear algebra and analytical geometry, economic logistics.

**4. Scientific research activity.** Areas of publication: Geometry of Riemannian manifolds with almost product structure, Geometry of almost complex manifolds with Norden metric, Riemann geometry manifolds with circulant metric and additional circulant affinor structure. Citation and referencing of scientific production. A total of 19 citations, of them in journal with impact factor and impact rank – 10 citations, in other journals – 7 citations, in monographs – 2 citations.

Participation in scientific projects: Ch. assistant professor Ph.D. Dimitar Razpopov participated in 2 research projects: 1. "Innovative software tools and technologies with applications in scientific research in mathematics, informatics and teaching pedagogy", 2. "Fundamental and applied mathematical research using modern ICT as part of global scientific developments and with the aim of raising the level of education at FMI".

**5. Notes and recommendations.** The attached materials satisfy and significantly exceed the minimum national academic requirements position "Associate Professor " in area 4. Natural sciences, mathematics and informatics, direction 4.5 Mathematics, with a required minimum of 400 points the candidate has 524 points.

**6. Conclusion.** Based on the analysis of the pedagogical, the scientific and scientific-applied activity of the candidate, I believe that Chief assistant Ph.D. Dimitar Rumenov Razpopov complies with the requirements of the Regulations of the Agricultural University of Plovdiv for the acquisition of the academic position "Associate Professor". All this gives me reason to positively evaluate his overall activity. I take the liberty of proposing to the esteemed Scientific Jury to vote positively, and the Faculty Council of the Faculty of Economics at the Agricultural University - Plovdiv to elect Chief Assistant Professor Dimitar Razpopov, Ph.D., for "Associate Professor" in Science specialty "Geometry and Topology".

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