OPINION

by Assoc. Prof. Ivan Ivanov Gadjev, PhD

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Concerning: **assoc. professor** competition in scientific specialty: 4.5 mathematics, announced by UF in the field of higher education 4. "Natural Sciences, Mathematics and Informatics", in professional field 4.5. "Mathematics", scientific specialty "Mathematical Analysis", in the discipline "Higher Mathematics", for the needs of the Department of Mathematics, Physics and Informatics, announced in SG, no. 102 of 07.12.2021, procedure code WWI -Asp -1121-76.

With a single candidate

Chief Assistant Dr. Yuri Mitkov Dimitrov

I present the evaluation below in my capacity as a member of the scientific jury (Order ZPS-34 / 28.01.2022 of the Rector of University of Forestry, on the basis of a decision of the FS of the Faculty of Forestry, with protocol № 25 of 25.01.2022).

The opinion is prepared in accordance with the requirements of:
1. Law on the Development of the Academic Staff in the Republic of Bulgaria (LASRB).
2. Regulations for application of the Law for the development of the academic staff in the Republic of Bulgaria.
3. Regulations for the structure and activity of UF.
4. Regulations on the terms and conditions for acquiring scientific degrees and holding academic positions in UF.

The only candidate applied for the position is

Chief Assistant Dr. Yuri Mitkov Dimitrov, PhD.

I was submitted files with copies of all of the needed materials:

Based on documents and articles submitted for evaluation, I confirm that the Candidate:

- Dr. Yuri Dimitrov graduated from the Baba Tonka Mathematical High School in Ruse in 1989. ;

- He then received a diploma of higher education from Sofia's Kliment Ohridski University in 1996, majoring in Mathematics.

- He holds a master's degree from the University of Michigan, Houghton, USA (1996-1998), where he holds a master's degree in mathematics.

- In the period 2008-2010 he completed another master's degree - in Computer Science, again at Ohio State University, Columbus, USA.

- He received his doctorate in mathematics from Ohio State University, Columbus, USA, in 2006

- After returning to Bulgaria, he completed a full-time doctorate (2013-2016) at the University of Ruse "Angel Kanchev", Ruse, with major subjects "Mathematics" and "Numerical Methods"

The topic of scientific interests and researches of Dr. Yuri Dimitrov are in the area of the fractional derivatives. Although the fractional derivatives are first mentioned in 17 century the researches in this area during next tree centuries are not very active. But in the last few decades the things are changed. According to the materials submitted by the candidate it is clear that his major interests are in using the fractional derivatives in solving ordinary and partial linear fractional differential equations, and also of integral equations. The major scientific and scientific-applied contributions of the candidate are exactly in this area.

Candidate's application is 4 pages and includes 26 submitted works, 4 of which were used previously and 20 of them are co-authored.

Dr. Yuri Dimitrov has a total of 47 citations (excluding self-citations).

The teaching activity of the candidate is impressive. It includes lectures and training in UF and in the Faculty of physics, Sofia University „St. Kliment Ohridski".

The Candidate's excellent command of the English language is undoubtedly helpful in his participation in the English language training of UF students,

scientific publications, presentations at international scientific events, contacts with foreign institutions and researchers.

Personally I have known Dr. Yuri Dimitrov for five years. During last three years we work together at Sofia University, Faculty of physics. I can say that he is very professional and responsible in his work.

Conclusion: I RECOMMEND to the esteemed jury and the Faculty Council of the Faculty of Forestry of UF to elect Ch. Assistant Professor Dr. Yuri Mitkov Dimitrov to take the academic position of "Associate Professor" in the professional field 4.5. "Mathematics (Mathematical Analysis)" at the Faculty of Forestry, UF.

11.04.2022 г.   Assoc. Prof. Ivan Gadjev, PhD