

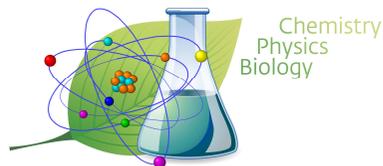
VII International Natural Sciences Tournament Extramural Round Results

July 25, 2016

General Information about the Teams applied in the second wave of extramural round, INST 2016 (May 31 - July 10, 2016)

Team	Country	University	Captain's name	Number of participants
Back To the Soviet Mentality	Russia	Novosibirsk State University	Pavel Dolgushev	5
Entropia	Russia, Belarus	Pirogov Russian National Research Medical University, Belarusian State university, Saint Petersburg State University	Kate Gotina	3
Pain through the eyes of a whale	Russia	Saint Petersburg State University	Stepan Danilov	5
CHANDRASEKHAR	India	University of Mumbai	Rohan Rajapure	5
Chanakya	India	University of Mumbai	Yash Lapasia	5

Please, see the Detailed Grades and An Approach to the Extramural Round Grading System at VII International Natural Sciences Tournament for details and references.



Total Ratings after Extramural Round

Team	Total, pt.	Rank	Status for intramural round
Entropia	4,301	1	Accepted
Back To the Soviet Mentality	3,906	2	Accepted
CHANDRASEKHAR	2,610	3	Accepted
Chanakya	2,592	4	Accepted
Pain through the eyes of a whale	2,092	5	Accepted

Grading Criterion numbers:

Below the detailed grades for each team are presented. There is no particular order of presenting the grades. The following numbers refer to:

#1 - solution elaboration, scientific approach;

#2 – solution’s originality (new and novel ideas, improvement of existing schemes, their presence and quality factor);

#3 - literature review (analysis of original sources [books, articles, patents, dissertations, etc.], its completeness and authenticity);

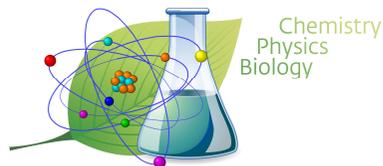
#4 - accuracy of task model (compliance to task conditions, indication of solution limitations);

#5 - figures, schemes, formulas, reactions;

#6 - logic and statement consistency;

#7 - list of sources / references.

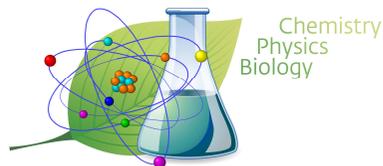
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Extramural Round Experts

Mr. Denis Baigozin	Chief product developer, Aquaphor corp.; Teacher for additional education, Chemical Center of Lyceum #239, Saint-Petersburg
Dr. Anna Gubal	PhD in chemistry, Saint Petersburg State University
Dr. Andrey Merescshenko	PhD in photochemistry (Bowling Green University, USA) Saint Petersburg State University
Ms. Elizaveta Pustovoyt	Analyst, Analytic Center of NIOZMM DZM, Head of Medical Tournament
Dr. Alexander Byeda	PhD in chemistry, Taras Shevchenko National University of Kyiv
Dr. Olga Milyaeva	PhD in chemistry, Saint Petersburg State University

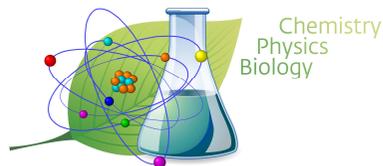
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Russia/ Back To the Soviet Mentality / Ranking after Extramural Round: 2

Task No.	Grading criterion #	1	2	3	4	5	6	7	Total	Normalized to Possible Max	Normalized to Expert Average	Task Average	Task Total
		Possible Max, pt.	4	2	3	4	2	3					
1	Mr. Baigozin	2	2	2	2	2	1	2	13	0,65	1,06557377	1,143897996	3,906
	Dr. Gubal	2	1	1	2	2	2	1	11	0,55	1,222222222		
2	Dr. Merescshenko	3	2	2	4	1	2	2	16	0,8	1,290322581	1,322244624	
	Ms. Pustovoyt	3	0	2	2	1	3	2	13	0,65	1,354166667		
3	Dr. Byeda	3	0	2	3	2	2	2	14	0,7	1,5	1,439655172	
	Dr. Milyaeva	3	1	2	3	2	3	2	16	0,8	1,379310345		

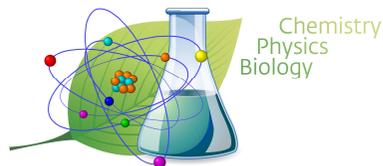
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Russia/Entropia/ Ranking after Extramural Round: 1

Task No.	Grading criterion #	1	2	3	4	5	6	7	Total	Normalized to Possible Max	Normalized to Expert Average	Task Average	Task Total
		Possible Max, pt.	4	2	3	4	2	3					
1	Mr. Baigozin	3	2	1	2	2	2	1	13	0,65	1,06557377	1,310564663	4,301
	Dr. Gubal	2	2	2	2	2	2	2	14	0,7	1,555555556		
2	Dr. Merescshenko	4	2	3	4	2	3	2	20	1	1,612903226	1,743951613	
	Ms. Pustovoyt	4	2	3	3	1	3	2	18	0,9	1,875		
3	Dr. Byeda	2	0	2	3	1	3	1	12	0,6	1,285714286	1,246305419	
	Dr. Milyaeva	3	1	2	2	1	3	2	14	0,7	1,206896552		

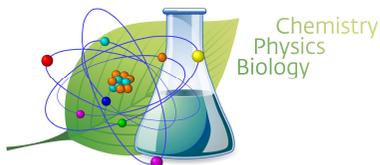
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Russia / Pain through the eyes of a whale/ Ranking after Extramural Round: 5

Task No.	Grading criterion #	1	2	3	4	5	6	7	Total	Normalized to Possible Max	Normalized to Expert Average	Task Average	Task Total
		Possible Max, pt.	4	2	3	4	2	3					
1	Mr. Baigozin	2	1	1	3	2	2	0	11	0,55	0,901639344	1,006375228	2,092
	Dr. Gubal	3	2	0	2	1	2	0	10	0,5	1,111111111		
2	Dr. Merescshenko	1	1	1	1	1	1	0	6	0,3	0,483870968	0,398185484	
	Ms. Pustovoyt	0	0	0	1	0	2	0	3	0,15	0,3125		
3	Dr. Byeda	2	1	0	2	0	3	0	8	0,4	0,857142857	0,687192118	
	Dr. Milyaeva	1	0	1	2	0	2	0	6	0,3	0,517241379	1,006375228	

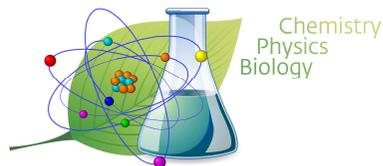
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India / CHANDRASEKHAR /Ranking after Extramural Round: 3

Task No.	Grading criterion #	1	2	3	4	5	6	7	Total	Normalized to Possible Max	Normalized to Expert Average	Task Average	Task Total
		Possible Max, pt.	4	2	3	4	2	3					
1	Mr. Baigozin	1	2	2	2	1	1	1	10	0,5	0,819672131	0,632058288	2,610
	Dr. Gubal	1	0	1	1	0	0	1	4	0,2	0,444444444		
2	Dr. Merescshenko	1	1	1	2	1	1	1	8	0,4	0,64516129	0,635080645	
	Ms. Pustovoyt	1	1	1	1	0	1	1	6	0,3	0,625		
3	Dr. Byeda	3	1	1	2	2	3	1	13	0,65	1,392857143	1,342980296	
	Dr. Milyaeva	4	2	2	2	1	3	1	15	0,75	1,293103448		

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India/ Chanakya/Ranking after Extramural Round: 4

Task No.	Grading criterion #	1	2	3	4	5	6	7	Total	Normalized to Possible Max	Normalized to Expert Average	Task Average	Task Total
		Possible Max, pt.	4	2	3	4	2	3	2				
1	Mr. Baigozin	3	2	2	2	2	2	1	14	0,7	1,147540984	0,907103825	2,592
	Dr. Gubal	1	0	1	1	1	1	1	6	0,3	0,666666667		
2	Dr. Merescshenko	2	1	2	3	1	2	1	12	0,6	0,967741935	0,900537634	
	Ms. Pustovoyt	1	1	1	1	0	2	2	8	0,4	0,833333333		
3	Dr. Byeda	2	1	0	1	2	2	1	9	0,45	0,964285714	0,783866995	
	Dr. Milyaeva	1	1	1	1	1	1	1	7	0,35	0,603448276		

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