

**Report of Scientific-Technical information department of IMM
for 2016.**

The department consists of 7 collaborators; 1 professor, 2 engineer-programmers, 2 engineers, 2 senior laboratory assistants, (2 of them in maternity leave).

On report period the following works were done.

1. Over 140 scientific papers published in Republican and foreign journals, books, monographs, dissertation of IMM collaborators were placed in the catalogue. 85 cards were placed in card index. Information on 10 dissertation works (4 doctors and 6 candidates) was placed in catalogue of authors' thesis.

Collaborators of the department have taken an active part in the exhibition organized by the institute on the ovation of 70 years of ANAS.

2. The collaborators of the department Narmina Agakishiyeva and Musayeva Tarana gave great help in preparation of the book "Azerbaijan predecessors of modern mathematics" to publication. Besides, Ramiz Aslanov has taken part in the meeting of pupils of higher classes of Nasimi district with director of IMM of ANAS prof. M.J. Mardanov in the House Scientists, and also in Central Library of ANAS in the meeting with people's writers Chingiz Abdullayev.
3. 5 year reports (2011-2015) of IMM departments were verified, registration sheets of new themes for 2016-2020 were represented to innovation department of ANAS to be affirmed.
4. In 6-24 February head of department prof. Ramiz Aslanov in accordance with agreement of the Ministry of Education of Russian Federation was invited as a chairman of State Certificate Commission in I.N. Ulyanov State Pedagogical University. On this period he was acquitted with education work, computer laboratory and library and also has written reviews to scientific notes prepared by the collaborators of the faculty. On report period, prof. R.M. Aslanov gave a talk at R.M.Aslanov gave a talk at international conference "Models of up to date education at the conditions of

infuriation of pedagogical and information-communication technologies” in the branch of North Arctic Federal University named after M.V.Lomonosov . (June 1-3, 2016, and in 22-24 September, 2016) he gave a talk in I.N. Ulyanov State Pedagogical University on the theme “Scientific and pedagogical heritage of Loran Shvarts”. Both talks were published in the proceedings of Conference (2, 3). During this professional trip he has been in Moscow and met with reviewers (prof. Y.A.Gorin, corr. member of AS of Tatarstan Republic doct.ph.math sci. Nasirov Semyon Rafaelovich and doctor of pedagogical sciences M.I. Shabunin) of the book “Azerbaijan predecessors of modern mathematics” (authors: prof. M.J.Mardanov and R.M. Aslanov), and answered the question that they were interested on and discussed the manuscripts of the book. This project was highly appreciated by the reviewers and them under linear great contribution of Azerbaijan mathematicians to mathematical science. Prof. Y.A.Gorin (Moscow), corr. member of AS of Tatarstan Republic doct.ph.math sci. Nasirov Semyon Rafaelovich (Kazan) and doctor of pedagogical sciences M.I. Shabunin (Dolgoprudniy) gave positive review to publication of this book. The book was published at early October. Prof. R.M. Aslanov gave review to author’s review (Natirova Ekaterina Mikhailovna on «Формирование универсальных учебных действий обучающихся в системе математической подготовки “старшая школа – вуз” for earind akademik degree of candidate of pedagogikal scientis in spesiality 13.00.02 – theory and technique of training and education (mathematics)) sent by the Dissertation Counsil of Yeletz State University (Russia). R.M. Aslanov in the member of editorial board of the journal “Continuum. Mathematics. Informatics. Education” at ESU named after I.A. Bunin.

5. Scientific works published in report period

Book

1. **М.Д. Марданов, Р. М. Асланов** «Предшественники современной математики Азербайджана», Москва издательство «Прометей», 2016 г., 516 стр.,
2. **Р.М. Асланов, Е.В. Беляева, Н.Г. Кузина, И.В. Столярова** «Педагоги современности в области математики и информатики» под общей редакцией Асланова Р.М.- Ульяновск: издательство «Человеческий фактор» 2016, 644 стр.

3. **Р.М. Асланов, Е.В. Беляева, Т.Х. Гасанова** «Женщины математики России и Азербайджана» под общей редакцией Асланова Р.М, Москва, издательство «Прометей», 2016, 307 стр.

Artical and tezis:

1. **Р.М. Асланов, Т.Х. Гасанова** - Выдающийся Азербайджанский учёный Амир Шамиль оглы Габибзаде (к 100 – летнему юбилею) - «Актуальные проблемы обучения физико-математическим и естественным дисциплинам в школе и ВУЗе» (г. Пенза, Пензенский Государственный Университет), стр. 116-120.
2. **Р.М. Асланов** - Мак Дафф Маргарет Дьюса (Dusa Mc Duff) (к 70-летнему юбилею)- «Модели современного образования в условиях интеграции педагогических и информационно-коммуникационных технологий», «Северный Арктический Федеральный Университет имени М.В. Ломоносова» филиал в г. Коряжме Архангельской области. г. Коряжме 2016.
3. **Р.М. Асланов, А.А. Муханова, С.А. Муханов** - Проектирование интерактивных образовательных ресурсов на основе технологии Wolfram CDF - «Преподаватель 21 века», Москва, МПГУ, № 1, ч.1, 2016 г., стр. 96-103. (журнал входит в Перечень ведущих рецензируемых журналов и изданий выпускаемых в Российской Федерации в которых рекомендуется публикации основных результатов диссертаций на соискание учёных степеней докторов и кандидатов наук)
4. **Р.М. Асланов** – Научные и педагогические наследие Лоран Шварца (к 100 - летнему юбилею), «Стандартизация математического образования: проблемы внедрения и оценка эффективности: Материалы XXXV Международного научного семинара преподавателей математики и информатики университетов и педагогических Вузов.- Ульяновск : Ул ГПУ, 2016, стр. 14-18.
5. Книга Асланов Р.М., Ли О.В., Мурадов Т.Р. «Математический анализ» (краткий курс), Москва «Прометей», 2014, 284 стр. была

удостоена «Золотой медали» Франкфуртской книжной выставки проходившей 19 – 23 October 2016 в Франкфурте на Майне.



«Gold medal» Frankfurt book exhibition «FRANKFURTER BUCHMESSE (2016)».

The annual plan of the department was completely fuesiun

Head of department

prof. R.M. Aslanov

