

Report of “Algebra and mathematical logic” department on scientific and organizational activity for 2014

On the report year the scientific works were conducted on the themes “Application of the methods of algebra and logic in topology and theoretical physics”, “Investigation of Nasireddin Tusi’s works on mathematics and logic”, and 7 works were completed (3 and 4 works on each theme, respectively).

One of 18 collaborators of the department is a doctor of science. Six philosophy doctors (two of them work part time), 5 research associates – two interpreters, four laboratory assistants.

Every Friday of the week the department conducts regular seminars. Some of the research associates are engaged in pedagogical activity of higher education institutions and lyceums. The collaborators of the department have published 15 scientific works, including one book, 9 scientific paper and 5 conference abstracts.

On May 12-16, 2014, by the invitation of Uzbekistan Government the head of the department Ali Babayev was on a professional trip in Tashkent and Samarkand cities and gave a talk at the International Conference held in Samarkand city.

On July, the senior research associate Samarkand, Uzbekistan.

Besides, many employees of department of “Algebra and mathematical logic” have participated in various international conferences. Below is the list of those conferences:

1) International Conference on the Applications of Mathematics and IT. Ganja, Azerbaijan, 2014.

2) Исторические наследие ученых и мыслителей средневекового Востока, его роль и значение для современной цивилизации. May 12-16, 2014, Samarkand, Uzbekistan.

3) International conference on the Actual Problems of Mathematics and Mechanics dedicated to the 55th Anniversary of the Institute of Mathematics and Mechanics of the National Academy of Sciences of Azerbaijan. Baku, Azerbaijan, May 15-16, 2014

4) The history, current state and a look into the future of Mathematics and Astronomy. 10-12 September, 2014, Baku, Azerbaijan (a majority of the collaborators).

5) The International Scientific Conference devoted to centenary of the beginning of the first World War. Science and Engineering during the first World War. 24-28 November, 2014, Sankt-Petersburg, Russia.