

Organizer: Department of Chemistry and Chemical Technology

Scientific school PhD in Chemistry, Senior Teacher G.B. Tulemisova

Direction: Chemical toxicology

2. Purpose: To study the environmental problems of Atyrau region, as well as the hydrological and hydrochemical regime of the rivers of the Zhaiyk-Caspian basin and assess the level of toxicological pollution of the reservoir.

3. Mission: To direct students and undergraduates to study the environmental problems of the region, to find solutions to problems, as well as to master new methods and devices.

4. Members: Young teachers -1. Latipova D.E. master 2. Sultangereeva T. A.-master

Students of the 3rd-4th year of the specialty "Chemistry": 1. Zhumabekova A. - 4th year

2. Zholdaskalieva A. - 4th course

3. Mukambetalieva B. - 4th course

4. Akimgaliyeva Sh.-4 course.

5. Walitov Esbolat-3 course.

6. Kusherbaeva D.-3 course

7. Samat N.-3 course

and undergraduates of the specialty "Chemistry".

5. Action Plan for 2022:

1. Holding a school meeting at least once a week - every Wednesday.
2. Study of waste research methods.-January-December
3. Mastering the device "Kapel-105M" and the device of the IR-FT-02 spectrometer - January-December.
4. Organization of a webinar on environmental issues (water, air) in Atyrau region - October-November.
5. Prepare and make a presentation at the «Science cafe» meeting.
6. Preparation of works for scientific competitions - May-November.
7. Submission of articles to scientific publications - January - December.

6. List of reports for the Science cafe meetings and seminars:

1. "Problems of recycling of production wastes". - February - Tulemisova G.B. - head. lab.
2. "Physical and chemical composition of soils of the Atyrau region" - Zhumabekova A. - March
3. "The content of heavy metals in food" - Zholdaskaliyeva A. - 4 course. April
4. Study of the level of air pollution in the city of Atyrau. - Mukambetalieva B. - 4 course, May.
5. Toxicological state of the water of the Zhaiyk River - Akimgaliyeva Sh.- .-4 course. -June.
6. Study of the salt composition of water with the Kapel-105 device. - Kusherbaeva D. - 3 course - September.
7. Determination of organic compounds by gas chromatography.-Ualitov E.-3 course.-October.

7. Venue

No. 1 Academic building, 1-st floor, 104 room, "Ecology" ESRL.