

The Head of the Department:

Raxmatov R.R

Reception: Wednesday , Friday (14:00 – 16:00)

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The department of High Mathematics has been organized in 1957 as one of the first Departments. In 1955 the department has been organized on the basis of the Department of High Mathematics and Physics. In 1957-1972nd years the head of the department of high mathematics was M.K.Kamolov, the candidate of physics-mathematics, lecturer (from 1964 professor). After his death in 1973-1975th years the candidate of physics-mathematics, docent M.J.Djurayev was elected as the head of the department. Moreover, as the heads of department were: a doctor of physics-mathematics, professor R.Ya.Suncheleyev (1975-1987) the candidate of Physics-Mathematics, docent E.I.Gegel (1987-1990) the candidate of Physics-Mathematics, docent F.Sh.Majidova (1991-1993), docent B.B.Ergashev (1993-1998), docent R.N.Usmonov (1998- 2003). From the academic year 2003-2004 the Academic of The Academy of Sciences of Uzbekistan (O'zFA), professor F.B.Abutaliyev was head of the department.

Professor-teachers of the department of high mathematics have been providing students with deep education in different periods. And they have made a huge contribution to learning their specialty subjects as many of the experienced teachers.

Further , docent A.I. Islomov, teachers A.M. Lebedev, V.A. Xolmskiy, assistant (next the doctor of physics-mathematics , professor of National University of Uzbekistan (O'zMU) Yo.R. Qo'chqorov, docent M.D. Jo'raev, teacher R.Raimov, docents S.U. Krutyakov, E.S. Kozlova, A.U. Karimov, teacher I. Validjonova, asistants R.Kamoliddinova, A.Zaytsev, teachers J.I. Mirxosilov, R.X. Xakimov, N.E. Alekseyeva, L.V.Frank, V.M. Obushnaya, T. K. Butko, assistants A.A. Agatayev, V.M. Gendler, docents SH.P. Primqulov, F. Buranov, teacher V.A.Jurayeva, I.L.Shopen, A.G.Xodjabagyan, assistants A.Sagintayev, M.M.Mamatov taught students on the subjects of mathematics.

From the organization of the department of High Mathematics great attention was to teach scientific and methodical research. The Head of the Department professor M.K.Kamalov had a research on the theme "the division of squared spaces consisted of accidental quantities and their practice". He translated into uzbek language the V.I.Privalov's textbook "Analytical Geometry". He also created handbooks and manuals accompanied by the teachers of the department. His manual which is named "Analytical Geometry" was published in 1962 in the Uzbek language for Universities.

In 1998-2003rd years young teachers joined to the department together with experienced ones. They are docents R.N.Usmonov, A.N.Mirzaev, A.E.Mamatov, R.R.Raxmatov, X.A.Abduvaitov, A.T. Temirbekov, teacher X.M.Bulakbaev, asistants: N.A. Pardaeva, X.D. Azizov, M.T. Payzieva, Sh.E. Tadjibayeva, O.I. Abdug'aniyeva, F.S. Raximova.

In 1996 "The theory of Probability and Statistics" separated from the department of Informatics. Professor Sh.A.Miraxmedov was elected as the head of this department. The department was combined to the faculty of Engineering-Economics. At the beginning periods of activities of the department academic Sh.Q. Farmonov, docents Yu.K.Axatov, Z.S.Chay, O.O. Norxojayev, assistants O.A. Saidova, O'.N. Qalandarov were worked hard. During the working at Department Sh.A.Miraxmedov, O'.N.Qalandarov, O.A.Saidova defended candidate dissertations. The work of the Department was finished in December, 2002, and was joined to the Department of "High Mathematics".

About 400 scientific papers, more than 200 handbooks were published by the teachers of the Department, Academic F.B.Abutaliyev controlled scientific researches devoted to one of the trends of the Higher Mathematics Department "To create programming provisions and mathematical model of the systems

accepted on the base of the ways of logics and indefinite base of education on the base of the expert systems”.

In 2013-2014th years Higher Mathematics Department has been divided into two departments. Those are “Higher Mathematics” and “Algorithmic and Mathematical Modeling”.

Nowadays in the department of High Mathematics under the leadership of R.R.Raxmatov the teachers are working: professors: Mardonov B.M., Abdullaev R.Z.; docents: T.X.Adirov, O.A.Islomova, Z.S. Chay, S.S.Sadaddinova, Adizov A.A., Yodgorov T.G., D.S.Yaxshibaev; teachers: R.S.Xudazarov, Sh.E. Tadjibayeva, N.A. Paradaeva, K.A. Igamberdiyev, assistants: O.I. Abdug’aniyeva, A.A.Xaitmetov, S.K. Shoyimardonov, M.M.Sagdullayeva, Sh.M.Fayzullayev, M.X.Andayev, M.Z.Sayfullayeva, F.S.Abdullayeva, A.A.Matchanova, J.SH.Safarov, H.H.Sobirov, Raxmatova Z., Napasov A. who have pedagogical experience and scientific power.

Following scientific researches are being carried out in the department of high mathematics:

- Research and practical application of mathematical modeling covering the continuous case
- To remake statistically the Information in the system of communication

The professor teachers of the department are working on creating manuals for using new communication technologies and changing manuals into Latin alphabet.

The educational tendencies of bachelor’s degree of the department:

5330500

Computer engineering(“AT-servis”, “Information security”, “Multimedia technology”);

5330300

Information Security

5330600

Software engineering

5350100

Telecommunication technologies (“Telecommunications”, “Broadcast”, the systems of Mobile)

5350200

Television technologies (“Audiovisual technology”, “the systems of Telestudio and explanations”)

5350300

Economy and Management on the base of communication technologies

5350400

Information and communication technologies in teaching

5350500

Postal communication technology

5350600

Of Information and Library Science

The subjects taught in the Department

Bachelor's degree:

- Calculus
- Theory of Probability and Mathematical Statistics
- Linear algebra
- Differential equations

Professor teachers of the department

- Raxmatov Rabbim Raxmatovich
- Abdullayev Rustam Zoirovich
- Adirov Tolliboy Xasanovich
- Adizov Akbar Adizovich
- Islamova Odila Abduraimovna
- Chay Zoya Sergeevna
- Saddaddinova Sanobar Sabirovna
- Yadgarov To'lqin Gafurovich
- Mamatov Abdug'ani Ermamatovich
- Kalandarov Utkir Namozovich
- Xudazarov Ravshan Saparovich
- Tursunov Gofur Toirovich
- Uroqov Shavkat Ravshanovich
- Tadjibaeva Shaxzodaxan Ergashevna
- Payziyeva Munira Toirovna
- Abduganiyeva Ozoda Ismagilovna
- Xaitmetov Adham Axinjanovich
- Abdullayeva Feruza Saydaxmadovna
- Fayzullayev Sherahli Mavrutaliyevich
- Sayfullayeva Maftuxa Zafrullayevna
- Nafasov A'zam Yusupovich
- Raxmatova Zoxida Azamatovna
- Abdullayev Otabek Kerimberdiyevich

Scientific researches being carried out in the department in the following directions:

- Differential equations and mathematical physics
- Mathematical analysis

- Mathematical modeling and numerical methods
- Theory of probability and mathematical statistics
- Mechanics of a deformable solid

The address of the department.: A-block, 3 floor, room 306, 307, 309, 311