

ANDIJAN STATE MEDICAL INSTITUTE
**Department of Biological Physics, Computer Science and Medical
Technology**



Head of Department, Candidate
Physics and Mathematics, Associate Professor
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HISTORY AND ACTIVITIES OF THE CHAIR

The department was created in 1955, as one of the seven theoretical departments. The first at the department to start their pedagogical and scientific activities were such teachers as Said Rumi, Kh.I. Mamazhonov, Ph.D.

In 1970 - 1971, the department was called the Department of Physics, then the Department of Physics and Higher Mathematics.

The representative of the Ministry of Health Said Rumi made a great contribution to the development and formation of the department. The pedagogue-innovator, associate professor Kh.I. Mamazhonov, who headed the department for 17 years, also contributed to the organization of the department.

In 1971 - 1977, the department was headed by the candidate of technical sciences N.S. Toshlanov. In 1978 - 1983, 1995 - 2000 the candidate of physics and mathematics N.Ya. Supichakov, in 1983 - 1995 the candidate of physics and mathematics D.A. Akhmedov headed the department. As a result of their dedicated work, the department was enriched with educational laboratory equipment.

In 2000 - 2006, the department was headed by the candidate of biological sciences, associate professor B.M. Mamadalimov.

During this period, B.M. Mamadalimov made great efforts to equip the training laboratory, its modernization and the creation of computer classes.

It should be noted that such teachers as, candidates of physics and mathematics M.A. Azizov, I.A. Iminov, N.N. Chikovitykh and I. Boymirzaev made a great contribution to the organization of the educational process and the development of the scientific activity of employees.

Since 2008, the department is headed by the candidate of physics and mathematics, associate professor Sh.A. Gulamov. In 1975, he graduated from the Physics Department of Tashkent State University (now the National University of Uzbekistan) with a degree in Physics of Semiconductors and Dielectrics. He studied the behavior of electron-hole plasma in multilayer semiconductor structures under the influence of strong inhomogeneous magnetic fields. Subsequently, he began scientific research on the problems of recording electrical signals in a living organism and studying the physical characteristics of fiber-containing plants.

In the field of educational and methodological activity, he created such pedagogical technologies as “Student Assistant” and “Student Opponent”.

The department has its activity with great pedagogical experience - senior teacher M.Z. Mamatkulova, teacher E.A. Naimov, senior teacher H.U. Khudoyberdieva, teacher D.T. Komilova, teacher E.G. Gaipov, teacher M. M. Rustamov, Senior Lecturer M.E. Khomidov, Lecturer G.M. Muminova, G.A. Abdurakhmonova, Ph.D. O. Atabaev and the head of the laboratory H. Ubaidullaeva, laboratory assistants - Y. Saitkulova, G. Kholboeva, M. Abdullaeva and M. Utanova.

The department conducts lectures, laboratory and practical classes in such subjects as Biophysics, Physics, Information Technology in Medicine and Mathematical Statistics. Lecture classes in Biophysics and Physics are taught by Associate Professor Sh., A. Gulamov and Senior Lecturer M.Z. Mamatkulova, on the subject of Information Technology in Medicine, lectures are given by senior teachers Kh. U. Khudoyberdieva and M.E. Khomidov.

The department has five educational laboratory classrooms in the subjects of Biophysics and Physics, which are equipped with modern automated laboratory equipment, with their help you can carry out about twenty laboratory works. Virtual laboratory work was also created in the same amount, which students can use remotely.

To obtain students knowledge and skills in information technology, four computer classes were created at the department, which are equipped with modern Pentium-4 computers, they are connected to the Internet.

Classes at the department are conducted on the basis of new pedagogical and innovative technologies. The technologies developed by the teachers of the department such as “Student Assistant”, “Student-Opponent”, “Think, Search, Find,” etc., have a great effect on students acquiring knowledge and skills in practical and laboratory studies.

A scientific laboratory was also created at the department, where such research teachers as G.M. Muminova, M.E. Khomidov, M.M. Rustamov and others, as well as gifted students of faculties who are members of the current at the department of the scientific circle "Synergetics".

PHOTO INFORMATION ABOUT TEACHERS OF THE CHAIR



**Gulamov Shukhrat
Abdumukhtarovich -
head of the department**



**Seniora Lecturer
Mamatkulova Manzura
Zukhritdinovna - Chairman
of the Women's Council**



**Seniora Lecturer
Khudoyberdieva
Husnobod Urmanovna
- Head of Academic
Affairs**



**Senior Lecturer
Mavlon Ergashevich
Khomidov -
Responsible for Science**



**Assistant Komilova
Dilobar Turgunbaevna
- oversees the work on
morality**



**Assistant Naimov
Erkin Gafarovich -
oversees trade union
work**



**Assistant Gaipov
Elmurod
Abdurasulovich-
responsible for safety**



**Assistant Murodil
Muhammadzhonovich
Rustamov - responsible
for the site**



**Assistant Gulmira
Marufjonovna
Muminova - head of
the scientific group
"Synergetics"**



**Assistant Gulrukh
Abdumutalibovna
Abdurahmonova**



**Ph.D. Obid
Maksudbekovich
Atabaev**