



Bukhara technological
institute of food and light
industry

department of
Informatics and information
technologies

Sciences

- Informatics and information technologies
- Programming foundations
- Discreet mathematics
- Data structure and algorithms
- Circuit technique
- Information foundations of computing systems
- Computer graphic and design
- Programming technology
- Databanks and database
- Operating systems and office applications
- System software
- Mathematic modeling
- Object-oriented programming
- Information security
- Intellectual systems
- Principles of system analysis
- Computer systems and networks
- Computer and systems organization
- Computer-aided design
- Multimedia systems and technologies



About us



- The department “Informatics and information technology” was founded in 1989. As specialist sub faculty it has been working since 1991. Nowadays in this department are working 26 lectures. One of them is a professor and 14 candidates of science. The scientific potential of the department consist of 58%.
- The department prepares bachelors in the direction Informatics and information technology. The first students who graduated from this direction were in 1996. From 1999 tile 2007 in the sub-faculty had been prepared masters by the specialty “Providing recording machines, complex systems and network in the mathematics program way”

Our achievements



- For these specialities and directions the lectures and professors of the department were produced according to the subject. Curriculums, and educational style complexes. According to the speciality subjects which taught in the department, have been created 8 text books and educational manuals about 50 electron textbooks and about 100 electron educational manuals. There are enough Russian, Uzbek, English literatures about this speciality which were published by the mature scientists of our republic, commonwealth states and developed foreign countries. The practical programs parcel created by the department's lectures on the basis of the economic agreement, is being used with success in the various organizations of our regions.

Technical maintenance



- There are 6 educational rooms, 4 laboratories, 1 multimedia room and 2 electron libraries which were provided with the best modern computers all of them and educational textbooks, connected with the Internet.
- There are 4 computer rooms connected with Internet where the students can independently learn special subjects. In the department was founded educational production rooms, scientific research laboratories and it was enough provided with modern computers, equipments, styled indications.
- The department is specialized preparing bachelors by the direction information technology and it is taught 15 specialties.

Scientific researches



- In the department are being searched by the following scientific directions:
- •The automatic system of the leading in higher institutes of learning
- •To create electron libraries for colleges and lyceums
- •To create the automatic system of forming and specialists supply for the leading organs.
- • To create electron textbooks by teaching special subjects at colleges

In department bachelors in a direction computer science and information technologies under the following curriculum prepare

Block 1

- Culturology
- History of Uzbekistan
- Idea of national independence: main concepts and principles
- Economical theory
- Physical culture
- Political science
- Sociology
- Theory and practice of building democratic society in Uzbekistan
- Uzbek (Russian) language
- Foundations of management and marketing
- Life safety

Block 2

- Ecology
- Higher mathematic 1
- Physics
- Informatics and information technologies
- Discreet mathematics

Block 3 and 4 (a)

- Circuit technique
- General psychology
- Pedagogic
- Pedagogic technologies
- Philosophy
- Metrology, standardization and accreditation
- Methodic of professional education
- Principles of pedagogical proficiency
- Principles of management theory
- Computer and systems organization
- Computer graphic and design
- Computer systems and networks
- Computer-aided design
- Data structure and algorithms
- Databanks and database

Block 3 and 4 (b)

- Information foundations of computing systems
- Information security
- Intellectual systems
- Multimedia systems and technologies
- Object-oriented programming
- Operating systems and office applications
- Principles of immateriality
- Principles of system analysis
- Programming foundations
- Programming technology
- System software
- Mathematic modeling

Thank you very much!!!
For your attentions

