

## HEMIS SYSTEM OF KARSHI INTERNATIONAL UNIVERSITY: THE BASICS OF DIGITALIZATION OF EDUCATION

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**Annotation:** *This article covers the methods and main modules of using the HEMIS system of Karshi International University.*

**Keywords:** *HEMIS, KIU, HEMIS Mobile, teachers and students, administrative management, educational process.*

The term **HEMIS** is an abbreviation of the English words "**H**igher **E**ducation **M**anagement **I**nformation **S**ystem", which in Uzbek means "**H**igher **E**ducation **M**anagement **I**nformation **S**ystem" and operates under that name.

This HEMIS information system, created by Uzbek scientists on the soil of Uzbekistan, covers more than 229 higher education institutions (HEIs) and more than 1 million users (students and teachers), and is also integrated with more than 100 other information systems, and this number is still growing.

To access the HEMIS system, professors and teachers are required to enter their own personal login and password, and each of them enters the system through special web pages on the university website (Figure 1).

*Figure 1. HEMIS system login.*

There are other ways to log in, such as:

- 1) the student can log in to the system by entering his/her login and password through his/her personal OneID - a unique identification system (if he/she has previously registered);
- 2) You are required to visit **http://my.hemis.uz** through any browser, select the name of the university you are studying at, and enter your login and password on the next page (Figure 2).

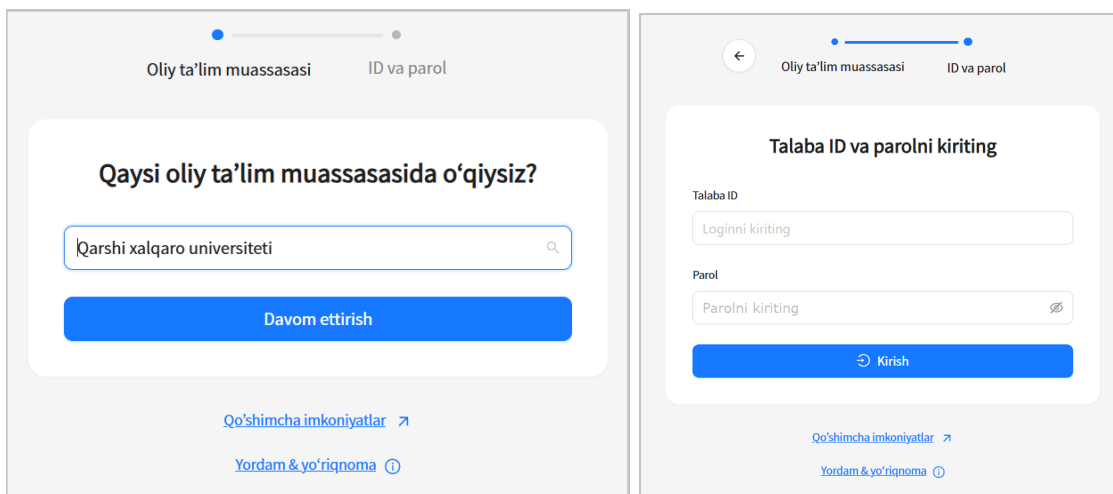


Figure 2. Log in to the system via <http://my.hemis.uz>.

consists of 4 main modules: “ *Administrative Management* ”, “ *Academic Process* ”, “ *Scientific Activities* ”, and “ *Financial Management* ”.

" **Administrative Management** " module in the system is to study, analyze and manage information about the structure of higher education institutions, faculties and departments, staff and teaching staff, student contingent and their movement (Figure 3):

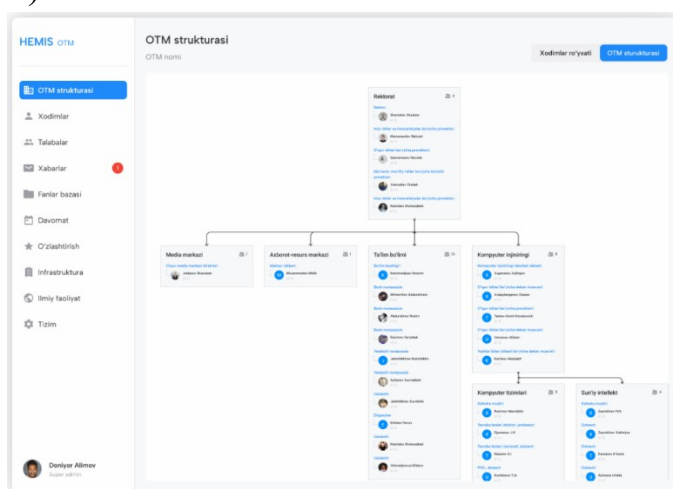


Figure 3. “University Structure” page of the “Administrative Management” module.

“ **Academic Process** ” module in the system is to manage educational programs, subjects, and students' academic activities, as well as to record and monitor university graduates (Figure 4):

Talaba	Guruh	Fanlar	Sababli	Sababsiz	Jami
Uzoqov Dilмурod	218-17	Mobil ilovalarini yaratish texnologiyalari	2	2	4
Raximov Hayot	212-17	Sun'iy intellekt va qaror qabul qilish	0	2	2
Hojiyev Obid	213-17	Ilmiy seminar 3	2	0	2
Rajabov Salohiddin	218-14	Amaliy matematika	0	0	0
Rajabov Sardor	218-18	C/C++ dasturlash	0	0	0
Subxonov Umeed	212-18	Informatika	0	0	0
Shirinov Murod	212-18	Fanlar	4	0	4
Shirinov Ramiz	212-18	Chat tili	0	10	10
Shoboyev Shahbozz	212-19	Mashinali o'qitish	0	0	0
O'qibonov Ravmatjon	212-20	Falsafa	2	2	4
Raximov Karim	212-21	Rus tili	0	0	0

Figure 4. The “Attendance Accounting” page in the “Learning Process” module.

“ **Scientific Activities** ” module in the system is to provide information and organizational support for research processes and planning processes, publications, intellectual property and educational work processes, and to evaluate the activities of teachers (Figure 5):

Figure 5. The “Create a Project” page in the “Scientific Activities” module.

Also, the main task of the " **Financial Management** " module is to control the payment of scholarships and salaries, as well as automate the processes of accounting for student fees.

**The HEMIS Mobile application has been developed** to conveniently and anywhere use the HEMIS information system via mobile devices . This application can be downloaded to a smartphone from the App Store or Google Play.

a smartphone device, students can access various information related to themselves through the following pages: " *Assignments* ", " *Class Schedule* ", " *Subject and Resources* ", " *Information* ", " *Checklist* ", and " *Agreements* ".



**Assignments.** This page lists assignments given by professors within the disciplines, deadlines for submitting assignments, information on how many points will be awarded for the assignment, and other requirements or comments.

**Class schedule.** This page contains a list of subjects that have been or will be taught by semester, by day of the week, information about the start and end times of the subjects, the subject teacher, and the type of class.

**Subjects and resources.** Subject names, class hours, subject resources (books, lecture notes, presentations, dictionaries, etc.), student achievement indicators in the subject, revision hours (if any), and similar information are covered on this page.

**Information.** This page contains an electronic version of the student ID card, contracts, rating book, study sheet, control schedule, general information about student attendance, orders, and other relevant information.

**Control table.** Through this page, you can view the list of intermediate and final controls for subjects, the auditorium where the exam will be held, the start and end times of the exam, how many points will be awarded, and information about the invigilator.

**Contracts.** This page provides the opportunity to create and download electronic contracts for students studying on a fee-based contract basis at state universities.

## LIST OF REFERENCES

1. <https://hemis.uz>
2. <https://hemis.kiu.uz>
3. <https://tsuull.uz/>