

# ELECTRONIC SYSTEM OF ORGANIZING AND MANAGEMENT OF STUDENTS' QUALIFICATION PRACTICE

Avezov Mardonbek Abdullayevich

Nukus State Pedagogical Institute named after Ajjiniyaz

Assistant Teacher of the Department "Methodology of Teaching Informatics"

## Abstract

This article examines pedagogical practice, the tasks of pedagogical practice of students, methods and tools, the quality and effectiveness of the educational process, mobile education, the creation of mobile applications and the possibilities of their use during the internship period.

**Keywords:** pedagogical practice, mobile education, mobile applications, Android Studio.

## INTRODUCTION

In the Address of the President of the Republic of Uzbekistan Sh. Mirziyoev to the Oliy Majlis, the modern directions of the teacher's pedagogical activity, evaluation and self-evaluation, self-management criteria have become a necessity in new conditions. He emphasized that the evaluation of educational system technologies, methods and tools, the quality and effectiveness of the educational process in pedagogy strictly requires the use of a more precise and concise language for describing its content.

Pedagogical practice gives students the opportunity to learn the methodical activity of an informatics teacher, as well as to understand the essence of the multifaceted learning-experimental process in general secondary schools. Pedagogical practice is important because this process connects higher education with general secondary educational institutions, and students conduct independent activities based on the theoretical, practical and laboratory knowledge they received in the classrooms of the institute. they get acquainted with the work of teachers and methodologists, and learn their experience and carry out educational work with students.

Pedagogical practice of students includes the following tasks:

1. Consolidation of the theoretical knowledge obtained at the institute in his specialty with practical work.
2. To study the work experiences of highly qualified teachers with many years of work experience. Acquiring the qualification to conduct a lesson in one's specialty.
3. Getting to know the educational process at the school, its educational and methodological direction, the educational process, active participation in educational work at the educational institution, and the formation of independent work skills.
4. Participation in the study and organization of extracurricular activities in computer science and information technologies.
5. Studying methods of individual work with students who are difficult to master in class and outside of class. Contribute to raising the level of students' mastery.



6. Thinking about the scientific and research work carried out in the field of one's specialty in the life of the school, choosing a topic, collecting materials, conducting some test-experimental works, conducting interviews with experienced Methodist teachers.

7. During the practice, to study the work style of the class leaders, to organize and conduct activities in accordance with the educational work plan. Active participation in school-wide events.

During the period of pedagogical practice, students must complete the work specified in the "Qualification Practice Program" on time, and complete the work journal of pedagogical practice. In this process, students may have a lack of understanding of the professional internship program and various problems in keeping a work journal, and different ideas may arise in the work of internship managers with internship students. In solving this problem, the electronic system for organizing student practice, which we have created, will help you closely. The role and support of electronic systems in the organization of student practice. The reason is that in practice, like in all fields, it is necessary to work on documents and assignments (Fig. 1).



Kundalik
Malakaviy amaliyot nizomi
Malakaviy amaliyot bo'yicha metodik tafsifnoma
Malakaviy amaliyot hujjatlari
Malakaviy amaliyot maydonchasi
Topshiriqlar
Galeriya
Namunaviy Hisobot
Qo'shimcha Tavsiyalar
Kutubxona
Amaliyot baxolari
Mualliflar

**Figure 1. View of the electronic platform for organizing student internships**

The importance of the electronic system is that the teacher responsible for the practice can make a rating by entering the attendance of students, their full participation in their classes and how they work on their documents. In addition, if you need to deliver assignments to students, this electronic system is the most optimal solution.

At the initial stage of the qualification practice, students get acquainted with the practice regulation and methodical recommendation, and in order to determine their professional knowledge, before entering the pedagogical practice, pedagogical problem situations (in the form of text and electronic videos) aimed at determining the formation of the students' specialty subjects, pedagogy and psychology, youth physiology and hygiene, as well as the levels of pedagogical competence ) was issued on the basis of

There is an opportunity to get acquainted with the tasks performed during the internship and a sample report based on this requirement (Fig. 2).

In the section of additional recommendations, they can familiarize themselves with educational methodical complexes based on innovative technologies and use them in their activities. The library section consists of a complex of electronic literature on specialized subjects.

#### Malakaviy amaliyot hujjatlari

Malakaviy amaliyotning sifatli va samarali yuritilishi ko'p jihatdan amaliyot jarayonida talab qilinadigan hujjatlarning to'g'ri, to'liq va o'z vaqtida to'ldirib borishini taqazo etadi. Malakaviy amaliyot davomida quyidagi hujjatlar yuritiladi:

1. Amaliyot kundaligi.
2. Amaliyotchi-talabning shaxsiy ish rejasi.
3. Amaliyotchi-talabaga muassasa tomonidan berilgan tavsifnoma.
4. Amaliyot hisoboti (taqdimot, elektron disk va yozma shaklda).

**Figure 2. View of the menu of qualification practice documents**

The gallery section consists of pictures, videos, open lesson developments, events and performances that help to organize professional practice. At the end of the qualification practice, the student can pass the exit control and compare it with the result of the entry task to determine his professional competence (Fig. 3).

The age of the student-practitioner is very little different from the age of the students he has to supervise. In such a situation, it is very important to choose the right way from the first day, that is, to choose the right way to interact with students. Experiments show that if the practitioner has the right relationship with the students, that is, if he shows kindness and humility to them, he will quickly get along with the students.

#### Topshiriqlar

1. Har bir talabning pedagogik faoliyatga ongli, qiziquvchanlik bilan qatnashishini shakllantirish, pedagogik kasbga muhabbat hissi bilan qarash, hurmatini rivojlantirish va mustahkamlash ijtimoiy, maxsus, pedagogik va psixologik fanlarni chuqur o'rganishga yordam berish.
2. Bo'lajak o'qituvchining Yangi jamiyat talablariga, shuningdek, mutaxassisning shaxsiy xususiyatlariga javob beradigan kasbiy mahoratlarini egallashiga yordam berish.
3. Talaba tomonidan institut auditoriyasida egallangan nazariy bilimlarni chuqurlashtirish va mustahkamlash, ularni o'quvchilar bilan olib boriladigan o'quv-tarbiya ishlar jarayonida mohirona foydalanishga o'raatish.

**Figure 3. Tasks menu view**



The intern attends the classes of all the teachers in the assigned class, learns about their extracurricular activities, and at the end of the 1st week makes their own plans for the entire internship period. In the following weeks, students will work according to the general plan of pedagogical practice in the school and the personal plan approved by the group leader (Fig. 4).

### Amaliyot bayonnomasi

Sana: 25.05.2023  
 Soat: 9:30  
 Qatnashuvchilar: Dauletiyarova Aziza, O'rozboyeva Shaydo  
 Sinf: 10-b  
 Mavzu: Delphida dasturlash tili  
 Bayonnomasi: Men bugun ertalabki 9:30da 10-b sinfga Informatika va Axborot texnologiyalari fanidan "Delphi dasturlash tili" mavzusida dars o'taman.

Sana: 25.05.2023  
 Soat: 11:20  
 Qatnashuvchilar: Dauletiyarova Aziza, O'rozboyeva Shaydo  
 Sinf: 9-a  
 Mavzu: Python asoslari  
 Bayonnomasi: Men bugun ertalabki 11:20da 9-a sinfga Informatika va Axborot texnologiyalari fanidan "Python asoslari" mavzusida dars o'taman.

### Figure 4. Operation report menu view

This program of ours closely supports the intern students during their internship period. This program is installed on students' mobile phones. The mobile application created by us was created according to the professional practice program, and it was created as a program that closely helps students master the lesson by working with students outside of the classroom to improve practical skills.

Mobile learning is the ability to work continuously through compact, portable, mobile devices and technologies that enable learners to obtain or create information and communicate more effectively in the educational process. Mobile education is the ability to receive or offer information in any format to personal mobile devices. In such a case, the effectiveness of learning and memorization of learning resources increases, motivation to learn develops. If the students are interested in completing the tasks, in this case, the desired teacher will be able to say without hesitation that the audience will be activated, the motivation to learn will increase, and the efficiency of learning will increase.

The mobile application was created in Android Studio. Android is the most popular mobile platform in the world. In recent years, there have been more than a billion active Android devices in the world, and their number continues to grow. Android is a full-featured Linux-based open source platform developed by Google. It's a powerful development platform that includes everything you need to create modern applications from Java and XML code. In addition, the built-in programs can be installed on various devices such as phones, tablets and other devices.

Android Studio is a software development environment created by Google. It compares favorably with its counterparts due to the fact that it is adapted and optimized for developing applications on Android for those developing this operating system. The program provides an opportunity to conduct various tests and diagnostics. So Android Studio includes tools to test the compatibility of apps you write with different versions of the mobile operating system and different platforms. Android Studio's arsenal includes options for designing mobile apps and seeing changes virtually.

In conclusion, the use of mobile applications in the creation of an electronic system for the organization and management of students' professional practice provides a wide opportunity for the creation of interactive exercises, independent work of students, and it is clear that such pedagogical software tools closely help students to work on themselves during the practice process. There is no doubt that this affects the quality of education.

## REFERENCES

1. Address of the President of the Republic of Uzbekistan Shavkat Mirziyoyev to the Oliy Majlis and the people of Uzbekistan. 20.12.2022.
2. A.K. Rakhimov, B.B. Abdiraimova. Pedagogical practice methodology. Study guide. "MALIK PRINT CO" Tashkent - 2021.
3. R. Niyozimbetova, T. Yusupova, G. Eshchanova. Pedagogical practice. Educational methodical manual. Tashkent - 2017.
4. M. Saidova, N. Idiyeva. Methodological guidelines and recommendations for the process of pedagogical practice. Instructional instruction manual. "Durdona" publishing house. Bukhara – 2022.
5. Aripov M., Begalov B., Begimkulov U., Mamarajabov M. Information technologies. Study guide. T.: Publisher. 2009, 368b.
6. Don Griffiths, Dewitt Griffiths. Heat First. Programming for Android. Moscow-2016.

