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Article

Automation Of Educational Process: Improving The Quality Of Education Innovative Solutions

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Abstract: The qualitative organization of the educational process in higher educational is one of the most important issues today. At the time when the importance of the practical process in education is increasing, necessarity of quality and efficient organization is growing and improving. Nowadays problems are occuring. Many problems is occurring in turning student's theoretical knowledge into practical knowledge in practical process of the present day and the effectiveness of the practical process. This article informs about how to improve practical process in higher educational institution through automation of practical process. Particularly, in this article will be discusse about itorganization practice processes where with Amaliyot OTM online platform, providing educational resources on the platform suitable for the individual needs of students and openness of the practice process. The platform provides innovative solutions for improving the quality of education, introducing modern technologies into the process and updating the educational process.

Keywords: Practice Process, Automation, Platform, Educational Technologies, System, Digital Technologies, Technological Progress, Educational Platform, Innovative Technologies, Data Analysis, Knowledge Management.

1. Introduction

Institution of higher education and professional education, vocational school and technical school can use the platform to modernize their curricula and improve practice processes. Government agencies in the field of education admit of educational technologies. Center of professional development and vocational training can use the platform in order to effectively organize practices.

"Amaliyot OTM" online platform offers the most convenient solutions of creating internship opportunities in the educational process. As a result of the automation of practice processes, it will be possible to update and effectively organize the practice processes using modern educational technologies and interactive methods. In addition, this platform integrates practice and theory in the educational process, preparing students for working conditions in their specialties, providing each student with educational resources tailored to their individual needs and abilities, provides an opportunity to improve the quality of education with the help of interactive tools and practices in the educational process. Also, identifies existing problems in the educational process and suggests ways to solve them. Eliminates limited opportunities in the practice process and provides more variety practices. Updates old and outdated materials by providing modern, up to date educational resources This platform provides the elimination of defect

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in this platform and innovative solutions needed to organize the educational process more efficiently. Current practices often have been ineffective. This cases have the following reasons:

- Incorrect organization of practice or as a result of lack of sufficient resources, practitioners cannot use the practice as needed.
- The connection between theoretical knowledge and practical process is not sufficiently developed. This causes practitioners to be dissatisfied during practice, because, it does not correspond to real working in practice specialty.
- The lack of quality internships suitable for certain fields of study is another today. Finding a good internship is difficult for many students or the existing places will not be provided with satisfactory practice condition and high-quality personnel.
- Practical process are not often tailored to the individual needs of interns or specialist. For example, problems with the practitioners to choose a place of free practice. Even if he chooses, students will not sign a contract with a higher educational institution.
- The goal and results set the educational process should be clearly defined in advance and under constant control. Another reason for the lack of practical results is the problems facts that need to be concluded with them in advance.
- Practitioners do not have sufficient skills and qualifications for practice. Inadequate skiloat the beginning of practice reduce practice performance. And this one provides that the practice system and programs cannot meet modern requirements. Old or incompatible systems will not improve the efficiency of the practice process.

Redundant tasks also reduce the quality of practice, which can cause many inconvenience to practitioners and responsible persons.

2. Materials and Methods

In this days when information and communication technologies are developing, it is important to automate the processes of pedagogical practice of future teacher. The article examines scientific sources on the impact of modern information technologies and innovative technologies on information management process. This scientific literature provides information about modern digital system, automated control system and efficient information processing methods. Topics such as development in the field of information security, artificial intelligence and data analysis are considered in the literature. These resources show the possibilities of applying innovation in the management of technologies in the fields.

3. Results

Amaliyot OTM" online platform offers new solutions to solve these problems. The online platform hepls improve the internship process by finding quality internships, developing and leveraging existing programs tailored to individual needs and updating the educational process.

The problem of increasing the effectiveness of training, retraining and professional development of specialized specialist is connected with the need to solve the objective problems that exist in the implementation of the education of a person in accordance with modern conditions. The practical process involves turning the theoretical knowledge learned in education into practical experience. The internship process includes the following stages in higher education institution:

1. Students are sent to certain organizations or institutions (in mutually agreed facilities where the contract was signed) for internships on the basis of a contract. Students apply their theoretical knowledge in practice at the stage.

2. Students gain experience completing tasks, study of real working conditions in the specialty and by working with leading specialist practice leaders during practice period.

The connection between education and practical process is manifested in the following cases:

1. Educational materials, instructions for concluding a contract, practical orders are uploaded to the platform, providing all the necessary information for students and teachers. These materials are regularly updated and adapted to the needs of students. The head of the department monitors the practice processes through the platform, observes the students' activities, analyzes the results and makes the necessary changes.6The theoretical knowledge learned during the educational process is transformed into practical experience and skills during practice. This connection increases the effectiveness of education and practicing students will have the opportunity to their knowledge in a real environment in their specialty.
2. The practical process provides an opportunity to evaluate the effectiveness of the knowledge acquired during the educational process. Students will have the opportunity to evaluate and assessment of acquired knowledge through practical experience. The educational process includes imparting theoretical knowledge and the practical process includes studying the real working conditions of the specialty. These two process complement each other and prepare students for professional training in the specialty. The theoretical knowledge learned during the educational process is tested during practice. Also, the experiences acquired in the course of practice are used to improve knowledge in the educational process.
3. The connection between the educational process and the practical process provides students not only with theoretical knowledge, but also prepares them for real two processes hepls students develop their professional skills and provides them with the opportunity to gain practical experience.
4. «**Amaliyot OTM"** online platform designed effective management which practical process of universities and students. This platform allows students to receive and manage practice plans , schedules and required documents electrically. The practice process can be managed in the following aspects through the platform:

Students get through the platform what their practice plans, tables, necessary resources and documents, daily tasks, daily attendance and daily assessment status. The planned duration and main goals of the practice will be clear by automating this process. Students can monitor their attendance and they can see the status of learning and assessment through the platform. Also, general reports will prepare on the platform. This is allows electronicization of practice documents and evaluation of this efficiency, the platform stores documents such as practice orders, contracts, references and summaries anda allows them to be retrieved in electronic from. Students can create their profiles on the platform, update their information and also they can create personal practice portfolios. Students can send, receive and interact with internship supervisord through the platform. Students can search for internship, send applications to the desired internship and monitor the results through the platform. Each student is given access to their personal portfolio, through which it is possible to show achievements and experiences in practice. The platform provides statistical information and hepls users with instructions. Through this platform, practice process will be more coordinated, digitized, automated, efficient and transparent. The online platform processes in HEI ind expected to produce the expected results, the interface of this platform is designed to be intuitive and user-friendly. The menu on the left contains the solution "Profile", "prsctice portfolio", "messsges", "practice", "personag' portfolio ", " statistics", and "guide" each section it includes various tasks that hep the student manage the necessary information anda documents.

1-rasm. Main page

1-image. The main page contains sections related to the student's profile information and internship portfolio, where the student can track his internship plan and schedule, internship activities, and a list of documents. The design of the page is simple and easy to understand, which helps users quickly find the information they need

2-rasm. Professor-teacher activity

2-image. The section "Professor-teacher activity" is indicated. In this department, the student will be able to get acquainted with the information of the professors and teachers of the department and, having received this information, use this information during the practical process. In this section, it is possible to find information about questions that arise in the field of specialization during practice.

3-rasm. Attendance chart

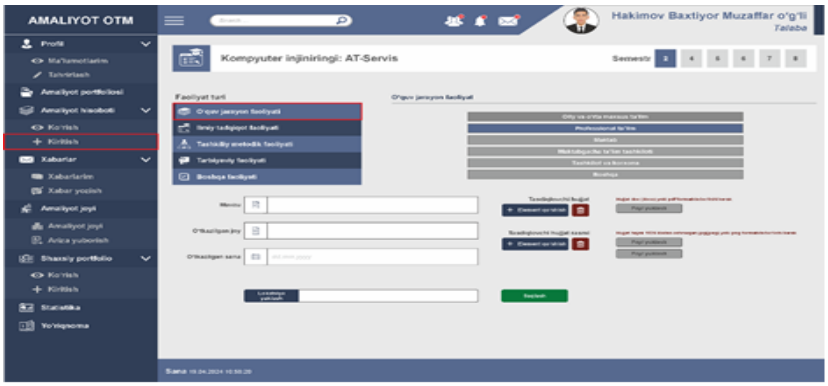
3-image. “Attendance chart” is displayed. Students can see the progress of the daily attendance during practice process on this page. They will have information about the date of attendance, status and practice leader. The tabular interface makes which is easy for students to track the dates and hours of their practice.

4-rasm. Student practice schedule page

4-image. Students can see their total grades during the practice period on the page of the students’ practice schedule. Its mastering and practice type, as well as general grades are determined. In this order, the distribution of all semesters of the student’s study program is visible.

5-rasm. Section on setting up personal data of students

5-image. Section on setting up personal data of students. The department contains information about the student’s achievements to date and scientific activities in the educational process. This section will later be kept as a general portfolio during the student’s recruitment process and will evaluate their level of knowledge.



6-rasm. Intern student can enter internship reports daily on this page.

6-image. Intern student can enter internship reports daily on this page. The practitioner provides daily reports in various fields for scientific research, for educational

activities, for organizational methodical activities and for inputting information in other processes.

7-rasm. Students will be able to view internship reports on this page.

7-image. Students will be able to view internship reports on this page. They can also be downloaded at any time. Reports are posted and practice times are indicated with the location. Another feature of this section is that the student can also see the grade given by the internship supervisor to the previous internship report

8-rasm. In this section, a practice portfolio is created.

8-image. In this section, a practice portfolio is created. It can be approved by the responsible practice managers from their offices. In this way, practice portfolios are formed during the student's academic years.

Through the message section, the student will have the opportunity to quickly communicate with teachers or groupmates. This helps the student to communicate with teachers and quickly solve problems that may arise during practice.

The statistics department allows monitoring and analyzing the student's activity in practice. The instruction section teaches students how to use the platform and provides additional instructions.

This platform greatly helps to students in managing their practice and allows them to collect the necessary information in one place. The platform is user-friendly and functional, making the student's learning process more efficient.

The head of the department posts the internship programs, internship plans, and strategies for attaching internship students to internship supervisors on the platform. These programs provide detailed information on how internships work, goals, and requirements for students.

For example, the internship program determines what skills students will develop, what tasks they will perform, and daily internship reports will be posted on the platform and evaluated. Constantly updating the programs provides the most up-to-date and accurate information for students.

Educational materials, instructions for concluding a contract, practical orders are uploaded to the platform, providing all the necessary information for students and teachers. These materials are regularly updated and adapted to the needs of students. The head of the department monitors the practice processes through the platform, observes the students' activities, analyzes the results and makes the necessary changes.

Regularly communicates with students and teachers, accepts their problems and suggestions, takes measures to solve problems and gives directions to increase the effectiveness of the practice process.

The practice leader posts practice plans and goals on the platform. These plans outline what internships students will take, goals, requirements, and evaluation criteria for internships. Specific guidelines and requirements are provided for each practice type. The head of practice establishes contact with enterprises and organizations, discusses the conditions of practice and helps in concluding contracts. The head of practice monitors, evaluates, prepares reports and analyzes the results of student activities through the platform. Helps students, answers their questions and solves problems.

The higher education institution (HEI) uploads internship programs to the platform and initiates data circulation with students. Programs help students develop important knowledge and skills. Higher education institutions regularly update programs and educational materials, and students who have completed internships integrate grades into their personal portfolios. Places a list of teachers and information about their qualifications on the platform. It informs students about teacher experience and qualifications and provides resources to support teacher professional development.

Scientific research publishes and shares scientific research and results conducted at the Higher Education Institution through the platform. These scientific studies help students and teachers to get acquainted with new scientific news and research. HEI provides information on scientific research seminars, conferences and other scientific events. Provides support services to students through the platform, gives advice to improve the quality of education and practice.

Enterprises and organizations show internship conditions for students through the platform, announce available resources and opportunities. The online platform provides detailed information about all the conditions and resources necessary for practice. Provides accurate and up-to-date information about activities and resources within the enterprise. Monitors, evaluates and monitors the students' practice through the platform. Defines criteria and indicators for evaluating student performance.

Creates opportunities to exchange experience with employees of the enterprise and organization. This creates an opportunity to exchange experience and knowledge between students and employees of the enterprise during the internship. Organizes seminars, trainings and experience sharing sessions with qualified specialists within the enterprise or organization. Gets acquainted with the students and discusses the possibilities of preparing them for future work in the specialty. It helps students to show opportunities and career paths within the enterprise. Provides advice on training and development of students for future work. Through the platform, during practice, it is possible to strengthen cooperation with the enterprise and to search for new opportunities. This will help to develop cooperation between the enterprise and the educational institution.

Education Quality Control develops and publishes standards and norms through the platform to ensure the quality of education and practice. These standards are necessary to improve the quality of educational processes and to control it. Defines the norms and

standards that must be followed in educational processes. Monitors educational processes through the platform, conducts audits and evaluates quality. Analyzes audit results and makes suggestions for quality improvement. Suggestions and recommendations to improve the quality of education are distributed and discussed through the platform. Develops new methodologies and strategies to improve educational processes.

Conducts surveys through the platform to collect and analyze student opinions. Analyzes the results of surveys and determines the necessary changes to improve educational processes. It evaluates the performance of teachers through the platform and makes suggestions for improving their skills. This will help support the professional development of teachers and improve quality. Organizes trainings and seminars to improve teachers' skills.

The responsibilities of each role on the platform are important in managing the internship process, quality control, and creating an effective learning environment for students. With the help of the platform, these processes can be implemented more efficiently and systematically. Summary. This article highlights the importance of the «**Amaliyot OTM"** online platform in automating and optimizing practice processes. Educational institutions, including higher education institutions, can use the platform to modernize educational processes, improve the efficiency of practice processes, and provide resources tailored to the individual needs of students.

The article highlights the problems in practice processes, including the lack of practice places, the weak connection between theoretical knowledge and practice, and the incompatibility of practice programs with individual needs. To solve these problems, the platform provides an opportunity to effectively manage practice processes using modern educational technologies and interactive methods. The article also emphasizes the continuity of the educational process, the importance of education for the spiritual and intellectual development of a person, as well as the connection between the practice process and educational processes.

Through the «**Amaliyot OTM"** online platform, students will have the opportunity to plan their internships, manage documents and communicate, which will increase the efficiency of the educational process. As a result, this platform is expected to play an important role in solving problems in the field of education, improving the practice process and training future specialists.

4. Conclusion

The article discusses the automation of the educational process, particularly focusing on improving the quality of education in higher institutions through the "Amaliyot OTM" online platform. The platform addresses issues such as the gap between theoretical knowledge and practical application, the lack of quality internships, and outdated educational resources. By automating practical processes, the platform facilitates internship management, offering personalized educational materials, real-time communication between students and supervisors, and efficient monitoring and evaluation. It allows students to manage their internships, create portfolios, and access up-to-date educational resources, ultimately enhancing both the practical and theoretical aspects of education. The article concludes that the integration of modern technologies in education, such as this platform, is essential for improving the efficiency of learning and preparing students for the workforce.

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