

СЕКЦИЯ II ЦИФРОВАЯ ОБРАЗОВАТЕЛЬНАЯ СРЕДА И ДИСТАНЦИОННОЕ ОБУЧЕНИЕ

THE SIGNIFICANCE OF E-LEARNING IN THE DEVELOPMENT OF EDUCATION IN YEMEN: CHALLENGES AND SOLUTIONS

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The world is witnessing many changes in all fields and on all aspects in the current era, and it has become necessary to keep pace with these changes with developments and reforms in the educational field, as education is the means by which a person is built who is capable of dealing with the data and specificities of the era of the scientific and technological revolution, and as a result it occupied The subject of educational development and school reform is central to educators' thinking, and they strive to bring about educational progress and change.

The teacher is the cornerstone of the educational process, and the success of pupils in learning information is dependent on the teacher's capacity to fulfill his tasks, and thus the educational system's goals are met. As a result, the teacher is constantly required to grow his professional skills and competences, and the teacher then gets the needed qualities that demonstrate their influence on his pupils' performance.

In light of these successive scientific and technological changes, there is an urgent need to improve teachers' electronic competencies in order to keep up with modern technologies in teaching and learning methods, which have become heavily reliant on various modes of communication and technological innovations, as well as the spread of e-learning, which is reliant on the use of electronic media in communication and information receiving. And the development of skills between instructors, students, and educational institutions, as well as perhaps between teachers and educational institutions, E-learning is an educational trend and strategy that relies on technology integration and dependency with educational material and human resources to create rich technological learning experiences and influence student behavior fast, precisely, and simply.

Despite the importance of e-professional development for teachers and its numerous benefits, it confronts numerous hurdles and roadblocks that impede it from reaching its objectives. Here are some of the challenges that e-professional development faces in Yemen:

1. A lack of internal motivation among instructors to study current educational approaches and their commitment to conventional teaching methods.
2. Some instructors' dread of change, and sometimes their opposition to it for personal reasons, or their belief that change would jeopardize the stability of schoolwork.
3. Deficits in training programs as a result of a lack of diversity in their techniques and their near-permanent limitation to lectures and workshops.
4. The difficulty of accessing information and statistics by instructors owing to database weaknesses.

5. Inadequate infrastructure for implementing e-qualification programs for instructors.
6. The scarcity of professionals in the creation of e-learning programs.
7. Teachers' inability to use new technologies.
8. The country's insecurity, as well as a lack of electricity in most areas, as well as a dearth of technical skills in schools.

Based on these challenges, Taiz University has established specialities to train instructors who are technically and scientifically prepared and capable of overcoming such challenges. Workers' acquisition of knowledge, in addition to the values and skills they require during their various stages of learning, and avoiding failure of the communication system between leaders and workers, which affects the quality of the institutional system, as well as the effect of centralizing power and dealing with it in the face of crises

The events surrounding the outbreak of the Corona virus in the year 2020 demonstrated the importance of developing an education plan to deal with such occurrences, as well as developing and facilitating teacher performance technologies. Yemen must suffer greatly from the scourge of war, but we must strive and work hard to discover answers at the lowest possible cost while remaining scientific and contemporary. Because technology is man-made, he may modify and prepare it to meet his needs, and this is regarded as the most difficult problem to which we must find answers, whether as people or organizations, and work together to construct a sophisticated and contemporary Yemen and confront the challenges.

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ПРАКТИКО-ОРИЕНТИРОВАННОЕ ОБУЧЕНИЕ ИНЖЕНЕРОВ НЕФТЯНЫХ СПЕЦИАЛЬНОСТЕЙ С ПРИМЕНЕНИЕМ ЦИФРОВЫХ ТЕХНОЛОГИЙ

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В условиях санкционного давления на Российскую Федерацию и Республику Беларусь необходимость скорейшего перехода к использованию конкурентоспособных отечественных программных продуктов и технологий становится важным и без-