

Summary of the Study

A proposal on the impact of an educational program to develop the skills of sports education teachers to use educational technology in teaching

Research Introduction:

The progress of nations and people depend on it's efficient educational systems, And it's extent to keep up with the scientific and technological developments, Therefore It must be the integration of science and technology policies are fully integrated into the overall operations of the National Educational Planning.

The educational technology is the most basic fundamentals that the state and government underpin in building it's future in the era of information and electronics which we live in today, By the appearance of personal computers and it's operating systems instead of ICT (*information Communication Technology*) and it's Continuous and stunning and evolution, And the appearance of E.Schools and e-learning techniques, And spread rapidly, And it became a witty future in clearly Education (169:24).

With the enormous Spread of computers, The sharp drop in it's cost, By The complexity of motor skills in some sports activities are becoming along with traditional methods are unable to provide effective, The teachers and learners, parents and developers of educational programs and the considerable potential of educational technology realized that scientific material provide the educational technology to rich the educational process (21:3).

Many studies have confirmed the results of such as the study of Taha Mohammed El.Sayed (2014), Walid Mohammed Hussein (2012), Marwa Sabrie Abraham (2011), Mahmoud Mohsan Salem (2010), Zeiliger.R (2002), Wilkinson Etal (1999), Which Aimed to identifying the impact of computer software and multimedia on the collection of knowledge or skill, The study of Ahmed Kamal El.Hasriy (2001), which Aimed the dimensional analysis of the results of forty-six (46) in the study of computer-aided instruction; the effectiveness of computer-aided education in general in the development of both the collection of knowledge and skill level of

performance, And the trend towards art and the trend towards computer, and some thought patterns (100:44) (99:110) (103:92) (101:91) (90:140) (87:139) (109:6).

Because of many advantages offered by computer programs, educational multi-media, Confirmed by the results of previous studies and research, education and uses of technology in education has become gain the attention of many researchers in the field of development of education in the present time, This design positions of the various education, Implementation and evaluation in order to achieve better learning.

Also received interest educational technology educational systems in different countries of the world, Which has worked to be entered in the various stages of education and try to derive maximum benefit from a picture as possible, The Ministry of Education has adopted in Egypt technological development education project, And it provided the schools of Education cabins for multimedia and computer labs, In addition, the ministry also tend to rely on e-learning as a teaching and learning strategies which are based on self-learning, To keep pace with the latest technological innovations and distribution efforts this topic (tablet) contains electronic Decisions for high school students during the year 2014.

The success of educational technology in the educational process on several factors, Including availability of the hardware and software necessary, As well as the efficiency of teachers in the activation of this technology in the preparation of teaching aids and how to employ them properly to achieve the goals of the educational process, Which requires the need to develop a special program to train teachers on the computer, multimedia and use it as a means of helping to provide the information in a fun and interesting than the effectiveness of the educational process and achieve the desired goals(272:8) (56:35) (43:56) (65:80) (77:93).

Some states experiments (such as the United States of America, England, France, Switzerland, Brazil), which introduced the technology in its schools, the need to develop and refine the teachers to teach technology education programs have confirmed (99:3) (103:82).

The responsibility of the introduction of technology in the schools rests with educational officials, while the responsibility for use in education rests on the shoulders of teachers, who acquire their culture about them, and they are attitudes towards it in the course of their university studies, trained and groomed during the service(88,87:12) (247:99) (88:106).

Research problem:

Through the findings and recommendations of previous studies and scientific conferences for professionals in the areas of curriculum and teaching methods and technology education, It is clear that the use of technology in education requires in the first place prepare trained manpower to employ them and benefit from them in the positions of the various education, These studies also stressed the need to develop programs for the development and refinement of teachers and develop their skills in the use of educational technology in teaching programs, And the mind of the necessary skills and standards task when the teacher evaluation to promotion from grade to another.

In this regard, Each of Mohammed Atia Khamise (2003), Junor (2003), Corbin (2003), Defler (2002), Mohammed Saed Zaghloule and other (2001) refers to be a good use of educational technology programs lead to better learning "educational source may be a high degree of quality," but the bad use of the source may make it more harm than good, and be a waste of time share, and distract the attention of the learners (98:82) (54:125) (43:116) (37:115) (104:118) (78:79).

In spite of providing schools with computers and networks, distance education, And other high-cost devices, But it is still limited use, Because there are many obstacles that prevent the full benefit of them, The most important that the teacher is not contagious educationally enough to deal with the educational technology, Making it unable to appropriate employment Technological innovations in the educational process, As well as the lack of attention to adequately train and refine teacher in-service to be able to implement that experience and make it a success, and this was confirmed by the results of several studies, Such as the study of Mervat Abdul Hadi Saleh (2003), Magdy Aziz Ibrahim (2000), Reda Massad Al-Saeed (1990), These studies recommended the need to take care to prepare,

train and hone teachers to teach in the age of technology, And to design them in-service training programs on the use of educational technology in teaching (67:98) (66,68:73) (60,63:31).

Through the personal interview conducted by a researcher with the academy director of teacher professional Sixth of October, it became clear that there are no training courses to hone physical education teachers during the service, in particular, whether in skills and teaching skills or technology, but educational sessions be general for all teachers of various specializations, although the different nature of physical education from other disciplines, whether it was in the objectives, content and methods of delivery, or the appropriate educational environment or calendar and follow-up methods.

From the above it is clear that although the Ministry of Education, in response to Egypt's rapid development in education technology, marked by the providing schools with computers and laboratories for multimedia, this response were not in the proper context, as it did not start preparing sufficient human competencies, which works to recruit this technology and benefit from the education, and then the result was the presence of many of the problems that hinder the success of the introduction of educational technology experience in the Egyptian education system.

Through an exploratory study conducted by a researcher on a sample of physical education teachers of different educational stages and the number (50) teachers included the two axes in order polled about their need for education technology in teaching, it is clear that:

First, the results of the first axis, a development and refinement of physical education teachers to use educational technology in teaching teachers agreement rate (96%: 100%) to:

- The curriculum for educational technology and its applications in the educational process during undergraduate does not serve to prepare adequately for the teacher and keep abreast of recent developments in educational technology.
- That the training programs provided by professional academy for teachers do not bother to provide adequate education and counseling about how good recruiting (for the Computer and Media Multi-video-images Persistent educational - movies and other TMS) in the practical aspects of different skills in physical education.

Second, the results of the second axis which is the need of the physical education teachers to use educational technology in teaching many teachers agreement at a rate ranging between (94%: 100%) badly need to Computer multiple video and media still and moving images and films of educational and other TMS and to contribute to the achievement of different objectives including:

- Process models illustrate well.
- Provide information and Implementation lesson interesting way that maximizes the motivation of the learner.
- Nutrition provide appropriate feedback to learners through the ability to repeat the performance throughout the learning period.
- Survival after learning various sports skills.
- Preparation of schedules specific to each learner and records.
- Know the criteria for the selection of teaching and learning and teaching aids that fit every learning activity strategies.

It also agreed teachers by (100%) to:

- Badly need to participate in the training course for the development of the ability to use educational technology programs in teaching.

In this regard the entire Abdul Majid Qansuh and Asim Saber Rashid suggests (2006) that in the light of modern developments that invade the world and with modern trends, which calls for updating of education, it was required attention to the development of the teacher in the light of the goals and objectives sought by the community, especially since the physical education teacher task multiple as well as the requirements of each stage of knowledge and information and methods of teaching and learning aspects, and that only comes through preparation and refinement programs during the service (34:66).

Through Reference survey of previous studies showing researcher scarcity of previous studies on educational programs to train physical education and development of skills teacher in-service use Tkonologia education in the field of teaching, to achieve the maximum possible use of modern technological means in the educational process, which may help teacher well employed in the teaching skills of various

sports activities, which in turn may help the effectiveness and enrich the educational process by attract learner and stimulate motivation to learn.

This prompted the researcher to develop an educational program proposal for the development of sports skills education teachers to use educational technology in teaching.

Aim of the research:

The research aims to develop skills using educational technology in the teaching of physical education teachers through the design of an educational program based on self-learning Palmdiolat educational and knowledge of its impact on the:

1. Collection of knowledge of physical education teachers in the cognitive aspects (under discussion) on the use of educational technology in teaching.
2. Performance sports education teachers to the level of skills of the use of educational technology in teaching.

Research hypothese:

1. There are differences statistically significant at the level of moral (05.) between the mean scores of the two measurements prior and subsequent to the sample in the collection of knowledge of cognitive aspects of testing (under discussion) on the use of educational technology in teaching for the benefit of the dimensional measurement.
2. There are differences statistically significant at the level of moral (05.) between the mean scores of the two measurements prior and subsequent to the level of performance of the use of educational technology in teaching skills (under) for the benefit of the dimensional measurement.

Plan and research procedures:

First, the research methodology:

The researcher used the experimental method is experimental design for a trial period of one application of the tribal and dimensional measurements as it suits the nature of the research.

Second, the research community:

It includes research community teachers of Physical Education for a two-stage preparatory and secondary Sohag governorate and the number (490) teacher.

Third: The research sample:

The researcher selecting a sample search deliberate way, the teachers of physical education by 150 teachers of preparatory and secondary school.

Means of data collection:

- Content Analysis.
- Questionnaires, gentlemen experts.
- Data registration forms.
- Cognitive achievement test.
- Note card performance.

Statistical Treatments:

After completing the application, compile the results and scheduled researcher conducting statistical processors using statistical packages for the social science of spss and that's through the following statistical transactions:

Arithmetic mean, Standard deviation, Relative transactions, easily and difficulty transactions, iodation transactions, centile degree, (T) test for difference, rehanged degree.

Conclusions and Recommendations:

First: Conclusion:

In the light of the aims and the recommendations and the hypotheses of the research and the results which we reach we can draw:

1. The proposed tutorial based self-learning using educational modules contributed in a positive way in improving the information collection for physical education teachers in the information and the data which connect with using education technology in teaching (under discussion) .
2. The proposed tutorial based self-learning using educational modules contributed in a positive way in learning using the education technology skills in teaching (under discussion) for physical education teachers.

Second: Recommendations:

1. The researcher recommends professional academic for teachers to apply the proposed programme on physical education teachers of Arabic Republic of Egypt.
2. The researcher recommends Physical education colleges to review the regulations and look for some hours to learn the students the education technology skills in it's academy stag.
3. The researcher recommends professional academic for teachers with special training programmes for teachers of physical education theoretical nature for physical education from other articles in content and objectives and mechanisms of implementation and the evaluation methods.
4. The researcher recommends using modern technological methods on offer and provide educational materials, Whether theoretical or practical because it's significant role in attracting the attention of learners and build anticipation.
5. The researcher recommends similar studies to develop the skills of teachers in different materials.