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Dr. M Augustine Gnanaraj
Assistant Professor, Department
of Physical Education and
Sports Sciences, Annamalai
University, New Delhi, India

Modernism in education physical education and sports

Dr. M Augustine Gnanaraj

Abstract

Purpose of this article is how the modernism and technologies are improve the performance of students and athletes in education, physical education and sports as well as improve the teaching and coaching ability of teachers and coaches. Influence of modernism is huge changes in education, physical education and sports. Some of the modern technologies and techniques are introduce in education such as smart class, new learning environment in class room, smart way of learning, innovating class room learning, smart learning environment in school etc. In physical education and sports the video analysis with the help of Siliconcoach software to increase the sporting performance and coaching performance. The psychological inventories technique helps to find out the traits of teachers and coaches as well as helps to predict the sportsmen's behavior.

Keywords: Modernism and technologies, sportsmen's behavior, physical education

Introduction

Modernism is a philosophical movement that, along with cultural trends and changes, arose from wide-scale and far-reaching transformations in Western society in the late 19th and early 20th centuries. Among the factors that shaped modernism were the development of modern industrial societies and the rapid growth of cities. Modernism, in general, includes the activities and creations of those who felt the traditional forms of art, architecture, literature, religious faith, philosophy, social organization, activities of daily life, and even the sciences, were becoming ill-fitted to their tasks and outdated in the new economic, social, and political environment of an emerging fully industrialized world (Pericles Lewis, 2000) [4]. Because of modernism, the quality of thoughts, expression, or technique that influence the education, physical education and sports. Some of the modern techniques and technologies are used in education, physical education and sports discussed in below.

Smart School and Smart Class

Smart Class

Smart Class is a Smart concept for Smart Educators of Smart Schools. "Smart Class" includes Smart Learning Techniques, Smart classroom management, Smart Learning environment and Smart Learning Materials. Internet, projector and other multimedia devices are the main parts of smart classrooms. We can say smart class as "White board classrooms". Now blackboard and chalks is replacing by white board, projectors and the pointer. Really it is an amazing than traditional teaching learning system. Smart class is a class of modern age. There will be fully multimedia enabled audio-visual classrooms in a smart classroom. It will be quite different than traditional class. In a smart classroom the teacher works as a facilitator in learning.

The New Learning Environment in Classroom

It is a new vision in education. The use of Education technology can bring a huge change in education. Internet and e learning devices can make class room environment extremely amazing. Teaching through computer, internet and multimedia devices will be a common thing in future. Now a day's different multimedia lessons are available. By using these multimedia lessons teachers may teach the students very easily.

The Smart Way of Learning

In modern e learning and online education-based system, the smart class and smart school are

Correspondence

Dr. M Augustine Gnanaraj
Assistant Professor, Department
of Physical Education and
Sports Sciences, Annamalai
University, New Delhi, India

not an unknown thing, because in a smart class there will be computer enabled education system. Smart class provides a platform for online e class. We can say it "White Board e Evolution" in education.

The Innovative Classroom Learning

"Smart school and smart class" is an innovative concept in education. Now a day's we are living in the age of internet, so our education system is also going to be online. In this environment e learning and online education is the need of this time. Use of internet in schools and education is not only a dream, but it is the necessity of the time. In a smart class there will be computers, projectors, internet connectivity and other multimedia devices such as home theater etc. The role of a teacher may be modified in such new environment. In a smart class students may use internet and this activity can change the old thinking about the students and the learning theory. In beginning, it should be launched as a pilot project in a few schools. The experience and result of these schools leads the future planning. To make a new project in smart school vision, it is very important to invite the expert teachers to play a great role in policy making.

The Smart Learning Environment in School

"Smart school smart class" is a very attractive concept in education. It is an innovative concept in education. Smart class needs smart teaching learning environment. In a smart school there may be innovative working system for teachers and in school management. An attractive classroom environment is needed for such type smart and innovative activities. Smart school class will be more attractive, innovative, student friendly, healthy and more interesting class. In a smart class it may possible there to arrange "online classes" by internet. Smart class is a platform for e smart class and online IT class.

The Creative Concept for the 21st Century's Teacher

School managers have to make an effective classroom management system and a well planned classroom arrangement also. They are going to teach in smart classroom of the Smart Classroom. In a smart classroom, they have to use smart classroom arrangement ideas. It is really amazing to teach in a global classroom. Teachers have to manage classroom behavior management in 21st century classroom. There may be something different classroom activities in 21st century smart class room. Education on line, e Learning and "Smart Class" concepts need innovative and effective classroom management because it is the beginning of "21st century smart classroom".

The upgraded kind of education:

This upgraded kind of education is very interesting for children! it is an innovative idea to change our boring system into a smart and innovative system of teaching-learning activities. Smart School: Smart class is a more fascinating model in the world. In a smart school teacher have to develop the skill of learning from experiences. There are some countries and some states are a role model in "Smart School Education".

Online learning software, e learning tutorials, online multimedia lessons, educational websites, online training, online two-way conversation, online video chatting, high speed internet speed, 3 G service and online classes are very easy in this time by the development of internet technology. This e revolution makes the concept of "e-class" and "smart

class" possible. There are a need to train the resource persons; such as school teachers, academic and administrative staff. Now it is also become simple by online training. So don't be surprised to see this e revolution. Be preparing to the smart school, smart class, smart teaching and smart learning (Anil Sahu)

Siliconcoach Software

Siliconcoach is making a significant impact in the world of sport, education, clinical practice and sports retail. Siliconcoach customers are amongst the most successful organizations in the world and include Nike, numerous national academies and institutes of sport, ICC cricket nations, and many of the world's leading Rugby Unions. Siliconcoach is also used by sports retailers and manufacturers such as Mizuno, Asics, and New Balance. Additionally, Siliconcoach developed the software for bicycle manufacturer Specialized renowned Body Geometry bike fitting system.

The technology has been adopted within classrooms, giving teachers the ability to visually convey the principles of movement, biomechanics and functional anatomy. Siliconcoach has proven to be a dynamic learning tool that ultimately leads to a greater understanding for teacher and student; coach and athlete; clinician and patient. Founded in 1997 by New Zealand biomechanist Joe Morrison, Siliconcoach has grown into one of the world's most successful video analysis companies.

A company based on their passion for sport and a firm belief that video analysis can assist in improving and assessing physical performance, rehabilitation, professional development and learning. Siliconcoach is a committed team of programmers, biomechanist, physical educators and marketing executives who all share a desire to provide simple-to-use products that make a difference.

"Siliconcoach engages students and helps them to produce quality work. This is an excellent tool for improving your senior school courses." Trevor Hayes – Head of Department, Physical Education and Health, Kristin School

"Siliconcoach does exactly what a technical analysis product should do, the biggest selling point is its ease of use." David Rose – Performance Analysis Manager, English Cricket Board (Siliconcoach Guide).

Why Use Video Analysis in Sports

1. Increase Sporting Performance

- Improving Technique
- Improving Feedback
- Increasing Motivation

2. Increase Coaching Performance

- Improving Technique Analysis
- Improving Communication
- Increasing Efficiency

Exercise Sports Psychology

Nowadays the sports psychologists use psychological assessment techniques and intervention strategies in an effort to help individuals to achieve their optimal performance. Emotional factors like tension, anxiety, stress and motivation play an important part in sports psychology. The various personality factors affect the performance of athlete.

Modern techniques in sports psychology helps to predict the sportsmen's behavior. With the help of psychological inventories self-esteem, self concept, tension, emotion,

aggression and various personality traits could be measured. By using projective techniques, we are able to project a person's inner self like fears, desires, hopes and difficulties without his knowledge. It helps to find out the traits of teachers and coaches (Jarvis and Matt, 1999) [2].

Modern Olympics

The Modern Olympic Movement within the cultural framework of early twentieth-century aesthetics. By examining the first 13 years of the Revue Olympic, the bond between sport and ideals of beauty emerges as a powerful indicator of a broader socio-cultural discourse. Discourse analysis exposes the Revue Olympic as homogeneous and coherent device of praxis that located the Olympic Movement and the genre of sport festival it promoted among the dominant ideas about beauty, art and culture of this era. It functioned as a type of cultural manifesto for Pierre de Coubertin's international Olympic Movement (Brown D, 2001) [2].

Conclusion

All the way the modernism have positively influenced on education, physical education and sports. Hence, the modernism and technologies are improve the performance of students and athletes in education, physical education and sports as well as improve the teaching and coaching ability of teachers and coaches.

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