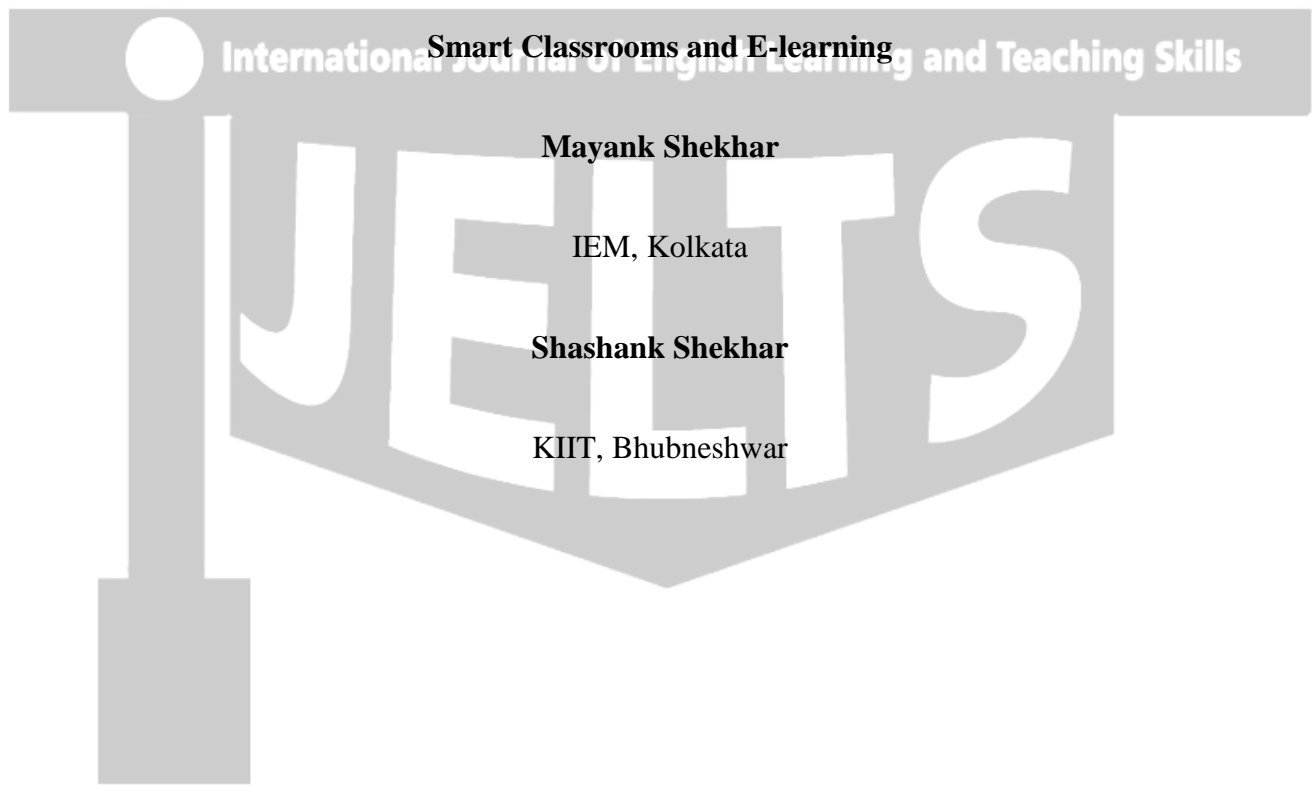


Running head: SMART CLASSROOMS

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Smart Classrooms and E-learning

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Abstract:

This paper deals with the growing popularity of smart classrooms and E-learning in the field of education. Technology these days has spread its reach to every sector and has become one of those major things to rely on. It is definitely handier for students and teachers. E-learning refers to the use of electronic media and information and communication technologies (ICT) in education. A renewed and focused attention is being given to universalization of computer literacy and integration of ICT in schools and other institutions in the tertiary sector. The extent to which e-learning assists other learning and teaching approaches is variable, ranging on a continuum from none to fully online distance learning. A variety of descriptive terms have been employed (somewhat inconsistently) to categorize the extent to which the technology is used.

The term “hybrid learning” may refer to classroom aids and laptops, or may refer to approaches in which traditional classroom time is reduced but not eliminated, and is replaced with some online learning.

Meaning of E-learning:

E-learning is a broadly inclusive terminology that describes educational technology that electronically or technologically supports learning and teaching. E-learning refers to the use of electronic media and information and communication technologies (ICT) in education. E-learning is broadly inclusive of all forms of educational technology in learning and teaching.

E-Learning is a broader concept than online learning, encompassing a wide set of applications and processes which use all available electronic media to deliver education more flexibly. The term “e-Learning” is now used in India to capture the general intent to support a broad range of electronic media

(Internet, intranets, satellite broadcast, audio/video tape, interactive TV and CD-ROM) to make learning more flexible for clients. The adoption and use of technology into the practice of education is not new. In this era of globalization and hyper- competition, the knowledge packaging through electronic communication is advocated at all levels of Education in India.

Role of Smart classrooms in e-Learning:

Technology benefitted us in every aspect of our life right from communication to education. In ancient days students were taught in a gurukul where they were taught by the gurus. This tradition of gurukul has been left behind with the modernized culture. New method of teaching has been introduced which is publicly known as smart class. In this teaching happens through digital instruction materials, 3D animated modules and videos, all the renowned school is setting a benchmark for using this concept.

The content repository consists of thousands of highly animated, lesson specific, 3D and 2D multimedia modules. These modules are built with an Instructor-led design that allows the teacher to effectively transact the lesson in a typical classroom of diverse set of learners.

Advantages of Smart classrooms for Students:

1. Appeal to audio-visual senses
2. No wastage of time
3. No chalk Dust
4. Active learning

Conclusion:

It is summed up in the end that in recent years, the uses of distance education systems in all kinds of education have been increasing. One of the tools for distance education system is probably smart classrooms, simultaneous classroom environments. It is, therefore, important to increase the effectiveness of smart classroom to enhance the learning environment in distance education. The concept of e-learning in India is yet in its early stages and may not exactly be spreading like wild fire in many parts of rural India. However, as a mode of teaching and learning, it has seen an increasing use in educational institutions in cities. Here computers and audio visuals are extensively being used to get the children better versed with the lessons taught in the classroom or for that matter even while learning at home. More and more schools are realizing the importance of e-learning for school kids. If one uses the technology in right way, it is more and more useful and beneficial, but, if there remain some loopholes then it becomes curse for the students and society.