

## **A Study on the Application of Technology Enabled English Language Teaching**

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### **Introduction**

The integration of technology with education is needed to complement the efforts to boost the efficiency of language. The images of reality which are bound up in the interests of the social institutions within which the images are produced, circulated and read. Use of the smart classroom for instruction can serve as a catalyst for the change from traditional instructional methods to interactive and constructivist methods. Technology helps teachers to use instructional methods in more up-to-date ways and utilizes various media - such as text, voice, pictures and movies- which facilitate more effective learning.

### **Need and Significance of the Study**

The main aim of the present study is to access the use of smart board during English language classroom instruction. Ways and means for improving quality of education is being discussed all over the world for the past few decades. The main aim is to improve quality education. In order to achieve these goals, the main focus should be given to effective use of smart class room and study its results. In Kerala, Palakkad is identified as the educationally backward district. The condition of the school as well as homely environment of the students is very poor.

### **Objectives**

1. To study the usage of smart classrooms and the extent of its efficiency in teaching English language
2. To determine the availability of digital resource material to teach English language

### **1.21: Hypothesis**

1. There is regular usage of smart boards in English language classroom
2. Is there adequate digital resources to teach English language teaching
3. Is there adequate orientation programme given to teachers of English language using smart board
4. Is there any awareness given to students on the benefits to smart board to learn English.

### **Education in Kerala**

In Kerala, **Palakkad, Malappuram, Wayanad and Kasargod** districts have been identified as educationally backward. The GER of Kasargod is 10.5, Palakkad 10.6, and Wayanad 12. Thus, the UGC has identified districts of Malappuram, Kasargod, Palakkad and Wayanad as educationally backward.

**IT@ school programme to enhance quality of ICT-based teaching and learning:** the It@ school programme will fund the electrification of more than twenty thousand classrooms in government schools. This would enhance the quality of information and communication technology based teaching and learning.

In 2008, **IT@ school Project** conducted a survey in all high schools to assess the IT infrastructure and found that of the fifty thousand computers available in schools two thousand five hundred computers have to be dumped. Another two thousand five hundred computers are defunct. However, they are repairable or upgradeable.

**Maintenance:** IT@ school conducts hardware clinics in all educational districts. The school IT coordinators should bring the repairable machines to the nearest points. Along with the clinic, hard ware training will also be imparted to all coordinators. For these fifty-two master trainers have already been given hard ware training. At least one teacher from every school will be trained in hard ware repairing and maintenance.

### **Five schools in Kerala have been designated “Smart Schools”**

Under the ‘**ICT in Schools Scheme**’ of the state, they are expected to serve as a model for other schools for effective information and communication technology learning backed with necessary infrastructure amenities. **The five selected schools include Government Moyans Memorial Girls Higher Secondary School (GMMGHSS) Palakkad, Government Tribal Higher Secondary School (GTHSS) Poomala in Idukki district, Government Girls Higher Secondary School (GGHSS) Cotton Hill in Thiruvananthapuram district, Government Higher Secondary School (GHSS) Karuvarakundu in Malappuram district and Government Higher Secondary School (GHSS) South Ezhippuram in Ernakulam district. Wireless internet connectivity would also be provided to all classrooms.** Apart from these, the smart schools would also ensure maximum utilization of digital contents and an effective e-governance mechanism will also be implemented in these schools.

### **Palakkad - Identified as Educationally Backward**

In Kerala, **Palakkad**, Malappuram, Wayanad and Kasargod districts have been identified as educationally backward. The success rate of students is low in the SSLC examination in Palakkad educational district.

### **Data Analysis**

#### **Technology is affordable**

The smart classroom technology provides excitement in learning and it is affordable and easily accessible.

<b>Statement</b>	<b>Yes</b>	<b>No</b>
Smart classroom technology provides excitement in learning	94%	6%
Technology is affordable and easily accessible	100%	0

### **Teaching through technology**

Teaching language through technology helps to increase knowledge and it is interactive.

Statement	Yes	No
Teaching language through technology helps to increase knowledge	80%	20%
Do you think smart class room is interactive	94%	6%

### **Conclusion**

It is an important goal in higher education to facilitate learning in activity, and thus, to create a learning environment that enables students to acquire knowledge, which is applicable and transferable and facilitates lifelong learning. Consequently, the learning environment has to be designed, that means, it has to be **student centered, knowledge-centered, assessment-centered, community-centered, and technology-centered**. Many students in the country find it difficult to achieve self-directed learning skill and a creative mind. UGC has tried to make policies for achievement of the visual and audio multimedia objectives by using new phenomena.

As a result, the main goals are for students to develop communication and team skills. In future, the development of accessible smart board in higher education helps to innovate ways to teach, connect and transform their own students in the global community. It is important to understand the success of virtual learning environment. The present study is a preliminary step towards a systematic study factors in virtual learning.

### **Recommendations for further study**

Development of technology is also helpful to the professional development for teachers. Further, this study enables the fellow students to learn in a more advanced environment and helps them in providing more career opportunities. In fact using these new phenomena has been seriously steps of India towards development of quality education through new device.

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