



INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS (IJCRT)

An International Open Access, Peer-reviewed, Refereed Journal

IMPACT OF ONLINE LEARNING ON SCHOOL EDUCATION

¹SHARADA C, ²ROOPA H R, ³BHARATHI N

¹Assistant Professor, ² Assistant Professor, ³ Assistant Professor

¹Computer Science Department

¹KLE Society's S Nijalingappa College, Bangalore, Karnataka, India

Abstract: The principal aim of this paper was to provide a summary of current trends in the development of e- learning in India. We know, the traditional classroom education offers the benefit of face-to-face interactions with peers which are typically moderated by a teacher. As students progress to higher classes in school, they seek more autonomy and intellectual freedom. Online learning can help them pursue highly individualized learning programs, possibly even college level courses. These, combined with hands-on exercises, real world exploration, and thorough assessments, can be highly beneficial to their learning progress. They can explore their options by trying out introductory topics from different fields, before committing to a specialization. Online learning platforms can help these students become more independent learners, before they make their way into college.

Keywords: Digital technology, National Education Policy, e-learning

I. INTRODUCTION

E-learning is an approach to instruction and learning that utilize information and communication technologies to communicate and collaborate in an educational media. The level and impact of e-learning varies in our life from stage to stage. This paper focuses on the current situation of e-learning in India and its future. Here we also compare the growth rate of e-learning India with respect to other developed countries. Although e-learning has a potential in India, the adaption to this is very slow.

There are basically two parts or phases of e-learning. In one phase e-learning is used for educational purpose and at other level it is been used for training. The educational; use is limited to secondary and higher secondary level. In the second phase it is used to provide training to the employees and to upgrade their skills. E-learning is growing at very low rate in India as compared to international market where it is been used at all levels. In India if we can be able to make e-learning as a source of learning in rural areas then it is the easiest and fastest tool to educate people. If we consider the population in India it is hard to accommodate all the people in specific university or educational area o get the education.

The global eLearning Market is expected to reach \$107 billion by 2015. The global self-paced eLearning market reached \$32.1 billion in revenue in 2010 [3], with a five year compound annual growth rate of approximately 9.2%. This means that the self-paced eLearning market should see estimated revenues of \$49.9 billion in 2015

Top 10 Growth Rates By Country. Growth rate shows how each country adopts eLearning and is a significant indicator since it can reveal revenue opportunities. The growth rate of self-paced eLearning by country is: 1. India: 55% 2. China: 52% 3. Malaysia: 41% 4. Romania: 38% 5. Poland: 28% 6. Czech Republic: 27% 7. Brazil: 26% 8. Indonesia: 25% 9. Colombia: 20% 10. Ukraine: 20%

II. OBJECTIVE OF THE PAPER:

The aim of this paper is to know the impact of online education for school children. In order to provide online education, we face certain challenges in implementing this.

- ❖ India majority of population is leaving in rural areas so it is bit difficult to make them aware about the concept of e-learning. The problem is to make it available to the rural areas.
- ❖ The problem of infrastructure, connectivity and internet availability acts as a second role in implementing this. Here, the life styles of people affect all these.
- ❖ The social implication of e-learning can be very important issue to be considered for the success of e-learning in India. The social implication consists of religion, gender, literacy, geographical area, literacy, lifestyle etc.
- ❖ If we consider cultural issues the following factors matters which includes content, style of writing , material used and style of utilization. Some contents may be favourable or unfavourable to some group of people, so we need to take care of this.

We can take these measures to implement the concept of e-learning in rural area where we will be having full utilizations of the system.

III. RESEARCH METHODOLOGY

Qualitative method – Case Study:

The work has been accomplished mainly by collection of primary data from extensive field visits. Methodology is the way of achieving the goal through the drawing of inference by observation, collection and differential analysis of relevant data relating to the study of youth unemployment in India.

In order to achieve the aforesaid objectives, the methodology of work has been divided into several phases:

- Collection of secondary data – At first choice of study area, the data is collected from selected rural areas.
- Sample size: The selected rural area is interrogated on the basis of questionnaire schedule.
- Collected data was tabulated, calculated, analyzed and represented different statistical and quantitative techniques which are followed by interpretation.

The key elements in providing the awareness on online education system for school children are:

- ❖ Develop the use of existing community resources and locations, including educational institutions, in order to help offer further free or inexpensive access and training.
- ❖ The media, along with the local authorities and academia, can be a major tool for efficient communication and dissemination.
- ❖ Use of higher level penetration of mobile connection to make information available easily.
- ❖ Educating and preparing the people for the information society and encouraging e-readiness.
- ❖ Supplying information to the public in a language that they understand and are comfortable with, and generally, it is the local language. As, technology is available by which transliteration from English into other languages can be made.
- ❖ Workshops, seminars, and training programs are required to be organized to spread awareness regarding the new technologies in Intuitions in all levels.

IV. BENEFITS OF E-LEARNING:



Benefits of e-Learning on Students

Today's learners want relevant, mobile, self-paced, and personalized content. This need is fulfilled with the online mode of learning; here, students can learn at their own comfort and requirement. Let's have an analytical look at the advantages of online learning.

1. Online Learning Accommodates Everyone's Needs

The online method of learning is best suited for everyone. This digital revolution has led to remarkable changes in how the content is accessed, consumed, discussed, and shared. Online educational courses can be taken up by office goers and housewives too, at the time that suits them. Depending on their availability and comfort, many people choose to learn at weekends or evenings.

2. Lectures Can Be Taken Any Number Of Times

Unlike classroom teaching, with online learning you can access the content an unlimited number of times. This is especially required at the time of revision when preparing for an exam. In traditional form of learning, if you can not attend the lecture, then you have to prepare for that topic on your own; in eLearning, you can attend the lectures whenever you want with ease.

3. Offers Access to Updated Content

A prime benefit of learning online is that it makes sure that you are in synchronization with modern learners. This enables the learner to access updated content whenever they want it.

4. Quick Delivery of Lessons

eLearning is a way to provide quick delivery of lessons. As compared to traditional classroom teaching method, this mode has relatively quick delivery cycles. This indicates that the time required to learn is reduced to 25%-60% of what is required in traditional learning. There are some of the reasons why the learning time is reduced by eLearning:

- Lessons starts quickly and also wrapped up in a single learning session. This enables training programs to easily roll out within a few weeks, or sometime even days.
- Learners can define their own speed of learning instead of following the speed of the whole group.
- Saves time as a student does not need to travel to the training venue. You can learn at the comfort of your own place.
- Students can choose to study specific and relevant areas of the learning material without focusing on each and every area. For example, they can skip certain areas they do not want to learn.

5. Scalability

eLearning helps in creating and communicating new training, policies, concepts, and ideas. Whether it is for formal education or entertainment, eLearning is very quick way of learning!

6. Consistency

eLearning enables educators to get a higher degree of coverage to communicate the message in a consistent way for their target audience. This ensures that all learners receive the same type of training with this learning mode.

7. Reduced Costs

eLearning is cost effective as compared to traditional forms of learning. The reason for this price reduction is because learning through this mode happens quickly and easily. A lot of training time is reduced with respect to trainers, travel, course materials, and accommodation.

This cost effectiveness also helps in enhancing the profitability of an organization. Also, when you are studying at your own place, you are relieved from paying for travel expenses (e.g. accommodation) when training happens in another city/state and/or external learning materials.

8. Effectiveness

eLearning has a positive influence on an organization's profitability. It makes it easy to grasp the content and digest it:



- ❖ It results in improved scores on certifications, tests, or other types of evaluation.
- ❖ Higher number of students who achieve 'pass' or mastery' level.
- ❖ Enhanced ability to learn and implement the new processes or knowledge at the workplace.
- ❖ Help in retaining information for a longer time.

9. Less Impact On Environment

As eLearning is a paperless way of learning, it protects the environment to a lot of extent. As per a study done on eLearning courses, it has been found that distance-based learning programs consumed around 90% less power and generated 85% less amount of CO2 emissions as compared to traditional campus-based educational courses. With eLearning, there is no need to cut trees for obtaining paper. Thus, eLearning is a highly eco-friendly way of learning.

V. RESULTS AND DISCUSSION

E-learning has a major role to play in India to grow up in all aspects in international market. As India is one of the leading IT service provider countries. The presence of world class IT infrastructure and IT professionals enable it to be one of the leading e- learning service providers in India. The government is taking proactive measures in regulatory and financial capacity to boost the e-learning environment in India. Already lots of funds are being invested in setting up internet kiosks. In rural areas for the purpose of communication which can be used for e-learning purpose.

The influence of technology on children and education has been immense and this led to huge mobile app development in this sector. Children and teenagers are now inseparable from their smart phones and other such electronic gadgets. This has become a huge concern for the teachers and parents and they are worried if this can have a detrimental effect on the studies of their children. Due to the wide set of benefits it gives to students; eLearning has become quite popular and appreciated among students all over the world.

VI. CONCLUSION

The main theme of this paper is to provide summary of current trends in the development of e- learning in India. Unquestionably, e-learning will continue to grow in our organizations. In anticipation of this growth, the governments, business companies and professional associations can start focusing on applications and the effective and efficient implementation of e-learning. By recognizing that e-learning truly is a methodology, one can experience the greatest benefits that e-learning has to offer now and in the future. In the end, the fact remains that, with respect to e-learning, poor quality procurement practices (in all sectors but especially in the public sector) are a barrier to growth and adoption. So it is necessary to make a thorough evaluation when it comes to choose e-learning software for education in order to improve the knowledge of learners, the learning outcomes, the performance outcomes, business and policy impact and in order to value the money spent.

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