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STRATEGIES OF NEW TECHNOLOGY IN INDIAN EDUCATION SYSTEM

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ABSTRACT

The education systems play a vital role in all over world. The Indian education technology was specialist as the process of new knowledge & new ideas. Today, the modern teaching has to help to guide and facilitate the student development. During the students is considered as a technology based education system is fact and also use so many new aspect like viz., media, computer, mobile device, microphones, etc. New technology is involved from teaching & learning process to better student result; it increased the student engagement & relationships with teachers & parents. Today, in a lot of places around the world, there is a large gap between the knowledge and skills students learn in school and skills workers need in schools and communities. Mainly the schools and organization focus on awareness program, conferences, and workshop and communications skills that is better to educate the new technology in students. And the potential education process is effectively & efficiently used for the students. The Students are able to work in joint and interactive learning environments effectively sharing information and exchange thoughts and erudition experiences with all in the environment. This paper is examining the “Strategies of New Technology in Indian Education System”.

KEYWORDS: Education Technology, Learning Process, Distance Education, Media, Information System, Tracking System, Management System

INTRODUCTION

India is one the world's pinnacle education target in the global learning industry. Though now only few of the best universities and colleges has been successfully given a bright performance in all over the India. Indian education strategy is full-bodied and built on strong foundations. In Pursuant to Indian Equity and education market foundation is currently at \$100 billion with the contribution of higher education system to 59.7%, school education at 38.1%, pre-school at 1.6% and the remainder 0.6% consists of technology and disc based education. At early the

Indian education technology access with the Broadband Internet and Computers, Mobile devices has been growth in the usage of technological based learning in India.

Today India is one of the greatest growing markets for E-learning product and services. India is expected that the turnover \$40 billion in the year of 2017. Indian Education system used by the different kinds of technology and it can be bringing about reformation in learning system. The government aims to increase digital based learning strategy of the country to 50% from at present 15% by bringing out

sympathetic policies to give momentum to technology based education. A numerous entrepreneurs have this opportunity to expend technology based educational products for private and government related schools, colleges and universities.

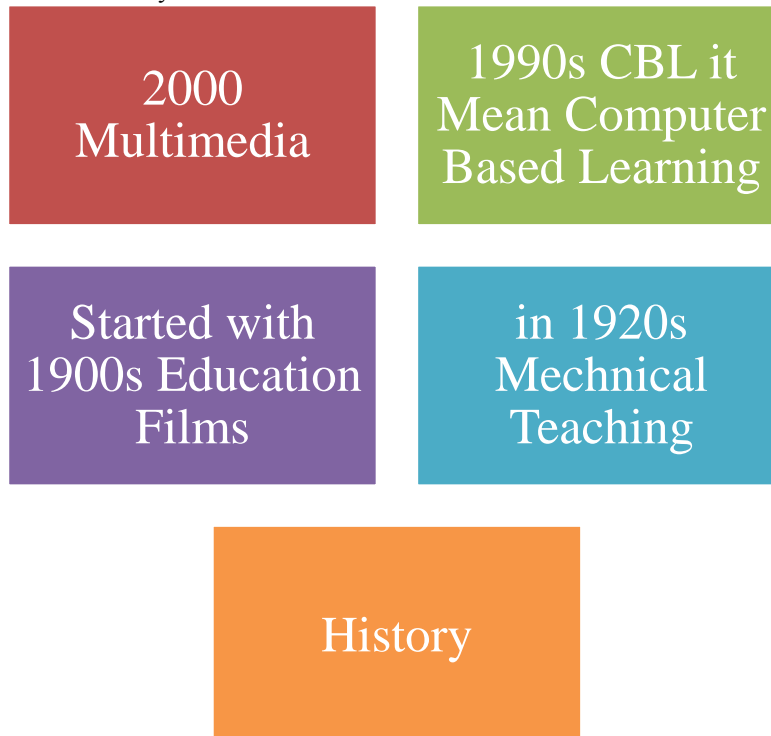
A last two decade, the education system followed by a classroom meant assignments, blackboards and chalks, heavy duty lectures, etc. But today, the education system destined a lot different. India too has finally come of age having learnt from its past mistakes. Nowadays the learning method from rote learning to techno method education is clearly evident. And Laptops, CDs, and e-learning are most important part of everyday education. The introduction of technology, the younger lot will take more interest in the curriculum. It is the best way to do their creativity. New generations is required to replace Notebooks and Textbooks by using ‘Laptops and Presentations’. Though, schools and universities taking the e-learning path are still very slow at it. It has been a tremendous improvement in the quality of education; it still needs to cater to a widespread audience. India is one of the first few countries to introduce disabled-friendly computers. It took 38 years for radio to reach

the people, 13 years for television and just 4 years for the Internet

EDUCATION AND TECHNOLOGY IN INDIA

An elongated time that technology will revolutionize education for improved – make it more affordable and accessible. The educational technology is more important in India because massive deficit of access to high quality education at the primary and higher education level due to a challenge, ranging from geographical distribution to socio-economic condition of the learners are majority of Indian schools. Moreover the cost of education is one of the world’s greatest populations has been increasing, but the technology expectation is affordable and benefit from the same. Today, many experts talked about the new technological education in terms of audio, visual and experiential technology and also speak about hardware, software and system based technology. Sometimes it is called edtech has made old concepts obsolete one. In the US, edtech is a growing industry rising at a breakneck speed.

HISTORY OF EDUCATION SYSTEM



ROLE OF TECHNOLOGY

1. Distance It is a way of learning where the students or learn the courses remotely through online

and interact with faculty through online classroom. It is help to the students directly through chat, email or phone call. In India is a developing country and many students are coming from villages getting degree for

higher education is still a remote vision. The students or working professionals the flexibility to learn at their own time without the compulsion of going to a class. The Indian survey on Higher Education 2014-2015 by Ministry of Human Resource Development the total enrollment of students for Distance education constitute of 11.7% and 46% are female students.

2. Classroom

Nowadays in many schools, colleges and universities in India instead of blackboard projector screens are used for teachings. Hand writings of teachers are replaced by power point presentation. Student experience a different kind of set up in today's technology based classroom. Today the innovations and successful technology business models be created and providing software and hardware to make it classroom based learning is better. The earliest edtech business making multimedia based study material and having computer and screens in classrooms where audio visual material can be used to tech. nowadays some popular technology is used by classroom.

3. Online

Many colleges and universities are integrating online Learning or LMS platform and web portal in India. Students can remotely login to access course material and also attend live classes with teachers.

4. Mobile apps

India has become the second biggest smart phone market in the world after China with more than 220 million active users. At presents a enormous opportunity for developing e-learning content through mobile apps. Today educational mobile apps are available on popular platforms like Android and iOS. Developers are creating educational apps based on

particular subjects. It is easy to understand illustrations and animations, puzzles games etc. There are apps available for grammar, physics, chemistry, mathematics and so on.

5. Educational Resource Planning

Education Resource Planning or ERP software have been developed in private schools, but government schools are yet to make any meaningful use of this software's. The ERP is a very important source of growth in efficiency and resources use in government schools as far as India is concerned. In terms of scheduling of classes, planned budget allocation and communication with students through mediums like email, automated calls, telephony and SMS.

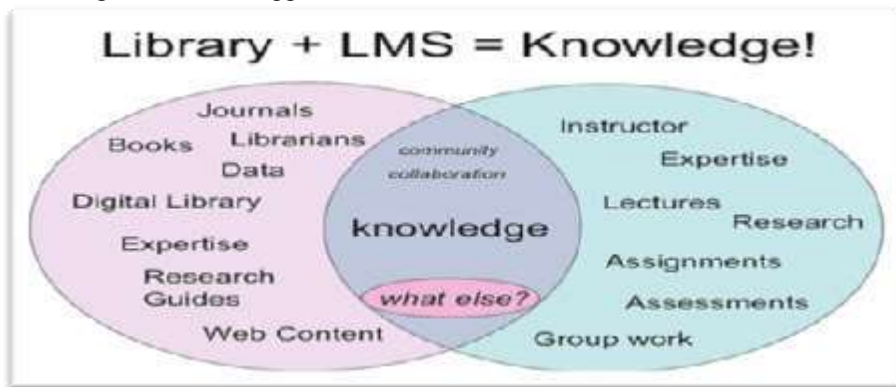
6. Report

The school system does not measure progress of students methodically it is major fault of school. The progress report is a tool if a student is performing well in every subject except Geography, the school and parents should clearly be able to note all the data. It is very easy to collect all data and create reports. For example like graphs, action points, policy makers etc. But this is a major opportunity to improve the education system in India. In USA adopted this kind of technologies.

7. Homework

The students to do their homework are probably. If the students do not finish homework the teachers give punishments. The systems can also be part of an ERP or broader performance tracking systems.

8. Learning Management Systems



9. Mobile Based Learning

The Indian people have access to smartphones with internet as opposed to computers with broadband connections. This is a big cause of investing significantly in mobile based learning technology.

Mobile based courses

- i. Smaller screen,
- ii. Lower computing
- iii. Power,
- iv. Slower internet.

10. Course Development

- **Open education resources – course development systems**
 - 1) It is a very good course delivery platforms available, software
 - 2) It helps the teacher to create and curate courses effortlessly
 - 3) It is very important aspect as well
 - 4) the open management education resources without copyright restrictions
 - 5) The primary school teachers or high school teachers doing this kind of educations in India,
 - 6) National Institute of Entrepreneurship and Small Business Development has adopted this technology for some courses.
- **Adaptive teaching platforms**
 - 1) Students cannot learn in the same way.
 - 2) Every student’s have weaknesses and strengths
 - 3) Modern education systems deliver for everyone.
 - 4) Standard study material and teaching be delivered all the student
- **Rapid content authoring systems**
 - 1) Typically this system is very difficult. Though rapid content authoring systems help educators to create online content very quickly.

CHANGING INDIAN EDUCATION SYSTEM

Benefits of technology:

Easy Method of Teaching

- Classroom Teaching To Online Teaching,
- Blackboards To Interactive Whiteboards And Textbooks To Ipad,
- Technology Brought In A Continuous For Educational Sector

Technology

- Method of learning world smaller allowing everyone
- It access to the education of the global Class room

Emerging technology

- Education Changing The Perception Of Learning,
- Schools Have Integrated Technology In The Classroom
- It Give Better Learning And Teaching

- Also be used to simplify and fasten the daily school scores

Requirements

- Managing Admissions,
- Managing Courses,
- Student-Based Information,
- Timetable Management,
- Online Exam,
- Conveyance Management,
- Attendance Management,
- Fee Management,
- Hostel Management,
- Inventory Management And Result Management

EFFECTIVE TECHNOLOGY

- ❖ **Amplify Tablet:** The ability of the tablets in the classroom has increased and use creative technological. In future companies are developing different types of tablets for students.
- ❖ **Tell Me Spanish:** if the students want to learn Spanish, you can use this software.
- ❖ **Graphing Calculator:** it is very useful for Science students, they will find this Graphing Calculator and very important for physics and math lessons.
- ❖ **Math Success Deluxe:** It includes all math basics, algebra, geometry, trigonometry, probability, statistics and more than 1,900 math exercises
- ❖ **White Smoke:** it is easy to speak English but not that easy to write
- ❖ **HomeworkHelp.com:** it useful for balance your study time and leisure time
- ❖ **Chegg:** it helps to homework platform
- ❖ **High School Success Deluxe:** it can teach writing skills, chemistry, history, biology and foreign languages.

CHALLENGING EDUCATION IN INDIA

The Indian education systems still know faces many problems for the new education system. The follows aspects are

- Limited access to Computer Hardware & Software in education
- Timing Schedule
- Projects by involving technology
- Technical Support
- Teacher training opportunity is less

CONCLUSION

Today the new technology can diminish the effort by the student. It can early take printed books and articles for acquiring knowledge and students

mainly focus on more vital knowledge in education. The technology can help the students and understand up to date concepts and ideas and project based learning. The education also given the guidance from successful teacher. The different tools to used gathering knowledge and develop skill in represent current world. the technology access method has to facilitate the learning students with access to technology. The teachers more easily find the learning and cater to the different requirements of the students. The technology to help students learn successfully and efficiently.

REFERENCE

1. Jagannath Mohanty ,*Modern Trends in Indian Education* , Second Revised & Enlarged Edition, 2004, Deep & Deep Publication Pvt. Ltd.
2. *Knowledge gathering as it changes with new technologies*, 2010, www.iicm.tugraz.at/iicm_papers/IADIS_Knowledge_gathering
3. *Recent Trends in Education*, 2010, <http://education.mapsofindia.com/recent-trends-education.html>
4. Mr. Chinmoy Goswami, *Role of Technology in Indian Education* Research Scholar and Teacher Assistance, Humanities and Social Science Department, Techno India University, DOI: 10.7763/IPEDR. 2014. V79.2
5. <https://www.useoftechnology.com/the-use-of-technology-in-education/>
6. <http://startup.nujs.edu/blog/education-and-technology-in-india-what-exactly-can-be-achieved-with-edtech/>
7. http://wiki.ucalgary.ca/page/Elearning_Versus_Classroom_Learning