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**Digitalization of education- A great change in teaching  
learning trends**

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**Abstract**

*“Technology can become wings that will allow the educational world to fly farther and faster than ever before; if we will allow it”.*

**Jenny Arledge.**

“In today’s era, knowledge and information is unlimited and expanding in every field. Higher Education plays a vital role in the life of College students. Higher Education is the backbone of any society. The modes of teaching in higher education have drastically changed. The chalk and talk technology is replaced by Digital technology. Digitization has no doubt changed our education system, but we cannot say that it has diminished the value of our old time class room learning. In this way, it will prove to be a boon to our society. So, modern teachers will need to reinvent themselves by embracing technology and constantly evolving to remain ahead of knowledge curve”.

**Keywords:** Digitization, teaching learning methods

**Introduction**

The 21<sup>st</sup> century is witnessing revolutionary changes, which are unprecedented in the record history of the world civilization. In today’s era, knowledge and information is unlimited and expanding in every field. Higher Education plays a vital role in the life of College students. It helps them to be self-dependent. Higher Education is the backbone of any society. It is essential for any country to achieve sustainable and global development. Higher education as we see today is a complex system of facilitating teaching, research, extension and international cooperation and understanding. The report of UNESCO International Commission on education in 21<sup>st</sup> century titled ‘Learning the Treasure with in ‘emphasized four pillars of education: learning to know, learning to do, learning to live together and learning to be while higher education intends to inculcate all these four in individuals and the society.

**Teachers-The Pillars of Digital Age**

The modes of teaching in higher education have drastically changed. The chalk and talk technology is replaced by Digital technology. Teachers’ role has shifted from mere preacher to the manager of the student’s social and emotional behaviours, mentors for their learning and over-all development as a balanced citizen; motivator for slow learner and a fast learner in digital milieu. When India became independent it has only 20 universities and 500 colleges in different parts of the country. It enrolled about 1 lakh students in higher education. In the post-independence period, higher education has expanded fast and is mostly public in nature. India has one of the largest higher educational systems in the world. Higher Education institutions in India are experiencing a paradigm shift. Increasing globalization of higher education and competition from foreign universities has been stimulating the change. In India, there are many institutions such as IITs and IIMs that have in recent years opened

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satellite campuses abroad, or have signed memorandum of understandings (MOUS) with some foreign universities to offer online education. Students get a wider scope to generate innovative learning and teachers do get a scope and challenges in experiencing a wide network of technology.

In this digital era, teachers carry huge responsibility and in order to deliver those responsibilities they need certain set of skills because abundant information on any subject is available on you tube, Facebook, Wikipedia, Google, twitter etc.

The need is to use and update yourself with the latest technology. If teachers lack expertise in this technology, they can't contribute more in their students growth in 21<sup>st</sup> century so, teacher's role is an 'Instructional Designer', 'Trainer', 'Collaborator', 'Team coordinator', 'Enabling advisor', 'mentoring and assessment Specialist' and many more. It is said that a good teacher can bring the entire world to the classroom. Lentell (2003) [2] outlined the role of teachers as, "Academics have to be knowledge experts, effective listeners and communicators as well as coaches, facilitators, mentors, problem solvers, designers, supporters and resource coordinators."

### **Great Change in Teaching Learning Process**

Digital technology is the fabric of nearly everything associated with teaching and learning. It help to create a social, highly collaborative and personalized environment with innovative solutions that will enhance the way students learn, communicate & collaborate and study both on and off campus with rapid digitalization, the education system in the country is going through a change. the challenge, however is how fast the students and the educators can adopt to teaching, learning and assessment method and how this digital age demand a changed mindset about education, learning teaching and assessment. Now student can easily access their daily time tables and activities. It has increased the level of transparency between teachers, parents and their children with having cloud technology, educational institute don't have to invest in any server or other peripherals. All they need is a computer with a web browser and an internet connection. This enable them to upload relevant data on the website and student can easily access the same being at home.

The most useful thing teachers can do to engage students in this digital ecosystem is to provide them technology enhanced learning experiences. We talk of use of interactive smart board, hybrid or blended learning, flipped class rooms and digital libraries etc. during teaching learning processes, online courses, online exams, digital textbooks, animation are the captivating approaches in which student learn in a better way. In this way digital education allows to reach to a much larger segment of the society and at the same time allows students to have flexible learning time and pursue education alongside other commitments. It also promotes minimizing infrastructure and maximizing outcomes, significantly reducing the costs of education and making it more affordable. So, teachers role is to act as a mentor and along with teaching and learning, they are supposed to address the social and emotional issues of the students.

### **Conclusion**

There is an explosion of knowledge in the field of technology. It is difficult to achieve the entire objective of education. But technology if applied properly can contribute

significantly to the improvement and process of education at all levels and stages. This new generation can learn new things in new ways at those of us who are new adults could never have dreamed of. Digitization has no doubt changed our education system, but we cannot say that it has diminished the value of our old time class room learning. The best part is to combine it with both; classroom learning and online learning methods. In this way, it will prove to be a boon to our society. So, modern teachers will need to reinvent themselves by embracing technology and constantly evolving to remain ahead of knowledge curve.

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