

*Original Paper*

# 21<sup>st</sup> Century Students Perceptive: Interweave between Student and Teacher

Swamydoss D. & Lilly Florence M.

Adhiyamaan College of Engineering (Autonomous), Hosur, India

## **Abstract**

Educational Technology in broader terms mean to organize the knowledge for the achievement of purposes, or making tool/technique. In this fast changing world, the education plays a major role in empowering students to engage with challenges. The 21st century is rapidly changing one in every dimension of human (economically, socially, technologically). Due to the rapid changes complex problems are faced by educationists, policy makers, managers and teachers as well. Teachers of 21st century have to create students of 21st century with soft skills. The 21st century teachers need teaching skills content mastery as well as integrating teaching with technology. The teacher development programs are much important. The impact of good teaching is increasingly cited as a major determinant of economic well-being of society. A useful & productive system of teacher compensation function as an important lever for attracting well-qualified and highly motivated people to the teaching profession. The quality of teachers determines the quality of education and linked with nation's development. With the emerging technologies, the teaching-learning is transforming from teacher-centered, lecture based to student-centered learning environment. In this I have discussed global characteristics of 21st century teacher as well as with reference to India.

## **1. Introduction**

Today we are in technology world. Most of time we are interacting through media like computer, tablets and smartphones. Technology rules the education sector too. In older days the major resources of education were books, classroom lectures, library etc. but in this century the scenario has changed. In education, the learner and the facilitator are play the important role. Quality education is the major challenge in this era. It depends on the learners, facilitators, education system and the method of implementation the education. Mainly facilitator plays an important role in the success of the learner and the effectiveness of the education system, also the entire education system is implemented by the facilitator. A country's development is judged by economic status and quality education. Teachers are in the pressure to improve the quality of higher education. Figure 1 express the three factors of education system, namely, Learners, parents and educators and the teacher-learning environment. These are the main factors to make changes in the education system.

The 21<sup>st</sup> century teaching is however a different perspective, learning could never happen the way it is happening these times. Learning happens everywhere, all the time, on any dam topic, assisting any learning style. Now a question is what the "Teacher of 21st century mean". Great students are the result of great teachers. The student achievement is influence by many factors. The most important influencer is inspiring and informed teacher, so it is significant to have close view on how we train and support beginners, experienced teachers.

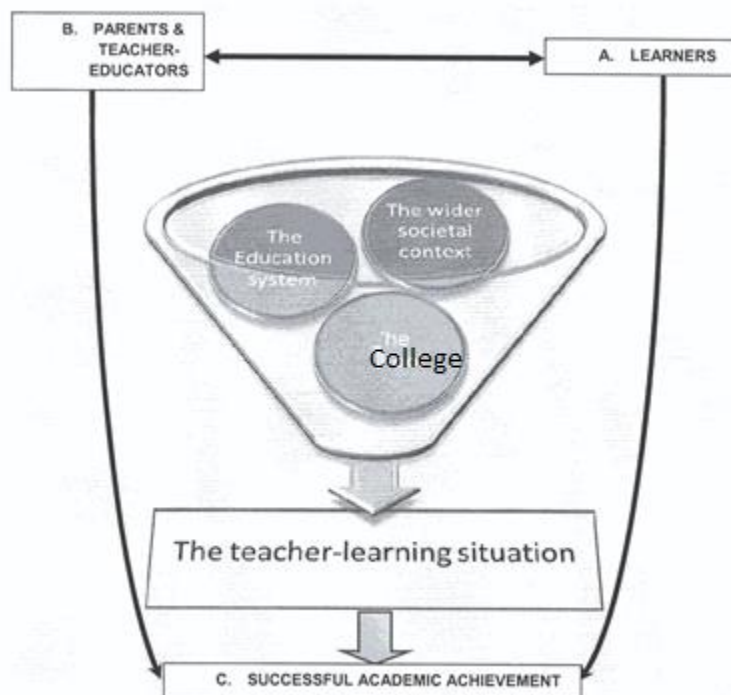


Figure 1. Successful Academic Achievement [1]

The current generation of students has exposed with today's technology and these students are the earliest adopters of new advances in technology. To understand the effective use of technology to improve education, we study the students perception in 21<sup>st</sup> Century education, various challenges of higher education teachers and some case studies with real time survey and result discussion.

## 2. Review Status

The author reports on a case study in which they set out to explore the perceptions of senior secondary learners as to what contributes to their academic success in their highly effective schools. The research provided the following answer to the question: "What are these schools doing right, according to the It was found that the success and effectiveness of these learners can be attributed to their adherence to authentic Pedagogic dialogue, an indispensable feature of authentic pedagogy [1].

Andrew K. LUI et al investigates student perception towards the purposes of blogging. It reports an experience of introducing blogging tasks to third year computing students, and compares their perception with students not participating in the blogging tasks. A student perception model is proposed to explain the difference in the perception due to the experience in blogging. They concluded that mandatory use of weblogs in a course can gradually cultivate educationally sound perceptions in students despite of the observed misuse [2].

In [3], the authors concluded that Implementing ICT technologies into the classroom can be a unwieldly and expensive process for colleges. In spite of this the evidence it is clear that students are looking for chances to improve their skills in technology and have greater access to new technology.

Marian Riedy et al. research indicates that an active and/or cooperative teaching method may be more effective in terms of instructional outcomes than a traditional lecture approach. A separate body of research demonstrates that effective instructors have similar personality traits and professional attributes, at least insofar as students perceive those traits and attributes. In their article they described a study that merges these two areas of inquiry to explore whether the use of different teaching methods by one instructor affects student perceptions of that instructor's traits and attributes. [4]

## 3. Perceptive of 21<sup>st</sup> Century Learners in Education

Today's learners have vast variety of opportunities for learning because of the development of information technology, also Everyone have their own smartphone, computer systems with internet facility. They can collect the study material anywhere anytime. They are very much exposed due to technology development, also they are smart learners. Personalized learning is the new way of learning adopted by today's young learners. They are very much believing that the end examination scores will help them to get better career only in some extent, beyond the curriculum and syllabi they need other aspects like critical thinking skills, problem solving skills, interpersonal and intrapersonal abilities, etc. The teaching with traditional chalk and talk method is not effective with today's pool of learners. Students are expecting a new teaching methodology and fun way of teaching. Students are more interested in e-learning. This is the time where the teachers have to understand and update themselves with current technologies in their own field. We have discussed the learners perceptive more in case study and result section.

#### 4. Challenges of Educators in 21<sup>st</sup> Century Education

Today's educators have the great challenges in preparing students to compete globally. "*Today's students are our future, and our future depends on their success.*" – Bonnie Bahr. The big challenge of education system is to train the students with good physiognomies and talents needed to circumnavigate the ever changing 21<sup>st</sup> century global economy as adults. The first and for most challenge for an educator is to attract our students towards studies. Here are some of the important challenges of educators has given;

- **Create Interest towards subjects:** Many of the students don't understand the value of education because they have never seen the benefits education can offer them. Many students are not studying the subjects due to lack in interest in the particular subject. This is one of the first duty of the educator is to create interest on the subject. How to create interest? The educator has to explain the importance and uses of the subject in real time applications, employability, research and in societal development.
- **Teaching methodology:** Traditional chalk and talk method of teaching is not effective in all the lecture. ICT method of teaching should make the students to listen the lecture. Also Pedagogy method of teaching should be used in the class room to improve the success rate of the students.
- **Be able to implement technology effectively:** Enhancing the educational environment with technology can enable faster learning and update teacher tasks, such as grading, planning and presenting lessons, but simply putting a computer in front of your students isn't enough. An effective 21<sup>st</sup> century educator know-how to incorporate technology into the classroom in a way that simplifies, rather than sidetracks from teaching and learning.
- **Forward thinking:** the teacher must have a broader vision, anticipating and adapting to trends, not only in education, but also in technology and sciences. The teachers are tasked with preparing students not for the employability but for the better citizen in the future nation.
- **Teach for all levels of learners:** Every student who walk through the classroom is different. Educator not only need to be armed with the same characteristics and skills we plan to impart on our students, we must have the skill to teach at every level of learners in the classroom. This includes the ability to effectively relate to students and teach to their unique learning styles.

#### 5. Enhancement required for 21<sup>st</sup> century Teachers

The truth and my own experience is that educators gain as much from understudies and the other way around. The instructors need to acknowledge the significance and need of shared learning in classrooms. It challenges customary classrooms, by making learning consistent process. It endowers new significance to educating learning procedure and help educators to acknowledge that adapting never stops. In this way, it makes the instructive encounters compensating and more extravagant. Among different qualities educator should likewise have the accompanying ones

1. Teacher-learning must be more digital based and understudy driven.
2. The educator need to utilize new registering gadgets while instructing.
3. The instructor needs to help the dynamic learning in classroom.

4. The educator needs to make an invitational situation for figuring out how to happen.

*I never teach my pupils, I only attempt to provide the conditions in which they can learn. -Albert Einstein*

5. The understudies must be evaluated on the bases of exhibitions. That is execution based appraisals must be trailed by instructor.

6. The instructor should bolster cooperative educating.

Innovation assumes a fundamental job in building up these qualities in an instructor. The innovation changes continually and winds up out of date, yet the educator is consistent. They drive the learning soul among understudies, step by step, controlling, inspiring understudies to improve the situation consistently and make the to understand their fantasies. There is a critical need that educator need to work at as far as possible. Government funded training itself battles with huge changes in India, from wellbeing pestilences to financial issues. The response to these test of making strides educators preparing have extraordinary effect on the understudy's encounters which they have in classrooms. The States must spend more cash to arrangement projects and instructors themselves must request better preparing. "If four things are followed- having a great aim, acquiring knowledge, hard work, and perseverance- then anything can be achieved." - A.P.J. Abdul Kalam

## 6. Conclusion

Innovation has altered every segment of society. Educator is on the move stage because of the fast change in innovation and understudy's evolving esteems. Educator can be set up to utilize these advances yet handle efficiently and systematically. Innovation should be coordinated to accomplish the best quality teaching method. The courses which fuse the encouraging brain research of instructors must be joined in the formative phases of pre-benefit educators to upgrade their learning. They ought to be taught in steady and favorable condition in which they hope to prep youthful understudies. Pre-benefit instructors ought to most likely educate certainly in their area. When instructor has a comprehension of showing content, they could never lose that aptitude. Today we should have equipped educators who have another arrangement of assets and strategies. Mechanical guide is a necessary part in compelling learning.

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