



## SMART BOARD: INNOVATION IN TEACHING

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Our society is drawn by the transition of change since the inception of human species. Every age is marked by revolutions in political, economical, social, religious and educational sphere, to count a few. The Human aspects of life are complementary to each other, a change in one sphere of life is felt and acknowledged in the other varied domains as well.

The educational process has undergone some serious transitions during the past decades. The technological revolution has changed the method and the policies of the educational process tremendously. Science, research, education, health, banking etc are all operated with ardent and efficient use of technology.

Tech Revolution has been the main mean in present world to help the human society to achieve the goals and has helped at large to unravel the potential of human mind and the enigmas of the universe at a torrentous speed. The Technological sphere has been catalyzed with the invention of Computers and micro-processors. The introduction of PCs in the conventional ways of life has made it a de- facto equipment to carry out the ways of human living standard. Projectors, touch-pads, mobile-phones, surveillance devices, monitoring equipments, digital pens have made the mode of human life go digital. With the implementation of Digital Smart Boards , the Educational system of the world has undergone a revolutionary change and due to continuous efforts of the Indian society , the Indian education system has introduced world class facilities and is keeping the pace intact with the world system. Smart boards have been incorporated in to the educational system under the vision of making India wholly digital in the coming decades.

A SMART Board is one brand of interactive whiteboard. At its simplest, an interactive whiteboard allows you to project an image and 'interact' with it by writing on it or moving it around. The SMART Board is connected to a computer and works with a projector. The projector displays what is open on the computer and, rather than using a mouse or keyboard (although you can use those also), the SMART Board is a touch screen, which allows you to

manipulate anything on the screen using your fingers. It is similar to how you would use a tablet or iPad. Special pens are included in a SMART Board to make writing in different colors, which is quick and easy.

David Martin began SMART company in 1987 as the Canadian distributor for a U.S. projector company. The revenue it collected from the projectors was put into research and development on the SMART board interactive whiteboard, which was the first interactive whiteboard to provide touch control of computer applications and the ability to write over standard Microsoft Windows applications and finally in year 1991 smart boards came into operation.

With the advent of Smart Boards the education, trainings, meetings, presentations are becoming much interactive and dynamic in nature. Smart boards have replaced the traditional methods of teaching and has helped both the teachers and students to involve in the learning process much intuitively and effectively. Connected to the internet, the availability of data, charts, videos, audios, pictures and real world examples are just a touch away in the smart Board teaching method making teachers more precise and accurate in the process of teaching. Abstract ideas have been replaced by concrete, real world presentations making both the students and teachers rely on the new technological method as an indispensable part of the process.

SMART Boards are becoming an essential component of every classroom. As the saying goes that “a picture speaks thousand sounds” fully fits into the scheme of SMART boards. Some reasons that why SMART boards are gaining popularity are as:

- It can accommodate different learning styles. Tactical learners can use the screen and learn by touching and marking at the board, audio learners can have a discussion and visual learners can observe the teaching on the board.
- It is neater and does not have the cleanliness hassle and is therefore easier to maintain.
- Pollution free
- Can be used as a tool for note-taking.
- Brainstorming in the classroom can be fun with a Smart Board.
- Classroom games can be played with ease on the board. Board games in particular can be played on the board itself.
- All forms of media– videos, photographs, graphs, maps, illustrations, games, etc. – can be used on the board, making it incredibly dynamic in nature. This expands the range of content that a teacher can use for teaching or presenting new information.

Smart boards are gradually replacing the traditional black and white boards due to the efficiency and wide impact of digital boards. Acting as the encyclopedic store house of knowledge at hand , if connected to the internet , the teachers can have better influence on the learners mind by acquiring and presenting the concepts in a precise and varied methods without having to rely on memorized and abstract , ideas and themes respectively.

To make the Indian society well aware of the Digitization of the Education , the Government and the policy makers of the country have to put much more efforts than prevailing at the present time, to make the dream of Digital India A reality from the base of classroom atmosphere.