CYBERNETYX

SETH M.R.
JAIPURIA
SCHOOL LUCKNOW
तमसो मा ज्योतिर्गमय

A CASE STUDY

Advancement through deploying Cybernetyx® Interactive Products

Powered by Cybernetyx®

Freude an Technik

Image Source: http://school.jaipuria.ac.in/

Advancement through deploying Cybernetyx® Interactive Products at Seth MR Jaipuria Group of Schools

Seth M.R. Jaipuria School, otherwise known as the Jaipuria School of Lucknow is a co-educational institution imparting Pre-primary, Primary, Secondary and Higher Secondary Education (age group 3 plus to 17 plus) through English as the medium of instruction. The school with a capacity of over 3500 students is renowned not only regionally but nationally. The school has been ranked 9th in the "most respected secondary schools" in India in 2007, 3rd in UPand 2nd in Lucknow (Education World 2013).

The school draws its name from Padma bhooshan Seth Mungtu Ram Jaipuria, a philanthropist and industrialist who played a dominant role in the industrialization of the nation after independence. Founded in 1992 the school is run under the aegis of Integral Education Society, New Delhi.

Mrs. Anjali Jaipuria
(Vice Chairperson -
Jaipuria Group)

Mrs. Anjali Jaipuria, Vice Chairperson, Jaipuria Group says *"We have an unflinching commitment to academics and our results stand witness of the same. Our stress has always been on the development of imagination and the power to understand and apply, thereby, developing in the students the power to assimilate facts and information. From the academic year 2014-15, our teaching methodology introduced the latest Interactive Technologies in the classrooms by equipping them with the most advanced MultiTouch technology and feature-rich 3 D EyeRIS® Interactive Whiteboard system conceptualized, developed and manufactured by Cybernetyx® with most advanced German Technology"*.

"The Jaipuria School, Lucknow deployed EyeRIS® Interactive Whiteboard systems two years ago when it was decided to use the latest and much advanced technology EyeRIS® Interactive Whiteboard systems after thorough testing, evaluating & comparing features with the completing brands of Canada & UK origins, and finally decided to integrate digital classrooms with Cybertnetyx® All-in-One Integrated Cabinet Solution (known as Cybernetyx® UNIBOARD Solution) which included several Cybernetyx® advanced technology products like EyeRIS®, All-in-One Integrated Cabinet Solution, EyeSIGHT (Classroom Camera Solution), OptiMark (Student evaluation system) & IntelliSpace (MultiTouch Interactive software suite).

In Phase-2, with a very satisfactory feedback from teachers/users and with the introduction of new UNIBOARD SLIM (an advanced and a compact version of UNIBOARD All-in-One Integrated Cabinet Solution), the management decided another fresh deployment of reasonably large numbers of classrooms which were installed in 2 different school campuses in Lucknow as well as in Varanasi.
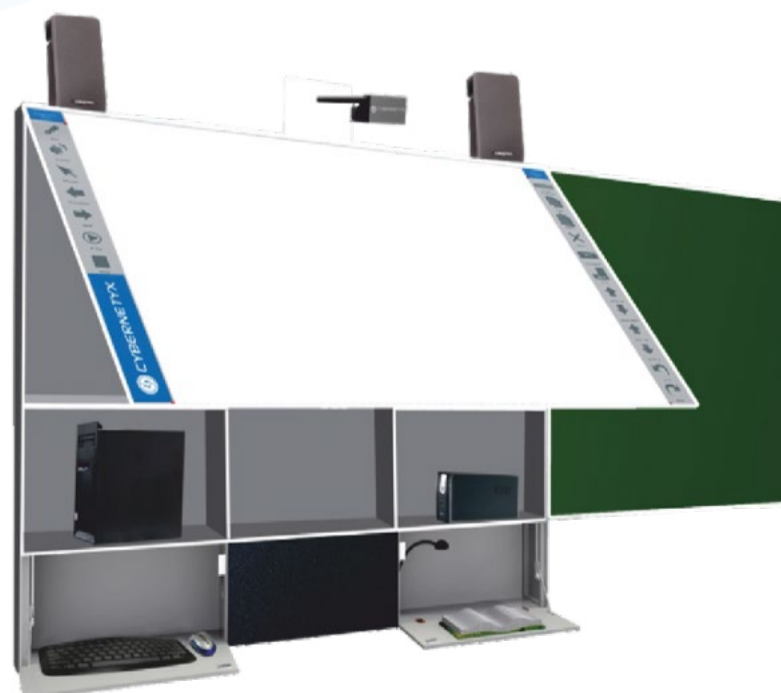

The science teachers, quickly learned how the EyeRIS® IntelliSpace (EyeRIS® IWB Suite) providing a simple and intuitive platform to the teachers where teachers can create, consume & share content by access to "On-demand" unlimited multimedia & education content from best resources on the web curated by Cybernetyx® Search Engine known as "MyCloud™".Bundled with an in-built Resource library spanning thousands of images, 3D content and also a unique feature of exporting any downloaded multimedia content from "MyCloud™", we were able to create and share a lot of our own customized lessons to introduce new concepts. This allows teachers to express themselves in a whole new way in classrooms. All of these with the shortest of learning curves and us to assist at every point. The social studies teachers import maps from the internet and invites students to "color in" continents or geographical features using super capacitor based battery less stylus.

Math program: *"Students learn to think algebraically by drawing pictures with EyeRIS® as they think through word problems,"* added Maths teacher from *Jaipuria School. EyeRIS® IntelliSpace is also helpful for teaching long division: "If the students get lost, we can backup, step by step, and then go forward again."*

"With the EyeRIS® Interactive solutions, students can actually interact with the presentation. It gets them up and moving" say the computer teachers. "Usually, PowerPoint presentations are very static. But with EyeRIS® Interactive Whiteboard gesture based inter face and the concept of OPTIBAR makes a presentation an experience & enticing the audience towards the presentation. The OPTIBAR (2 strips pasted on both the sides of the board) gives us the ability to interact with the PowerPoint tools and also commonly used tools are activated on the board where direct clicking on these would perform the same function as it will perform from mouse and keyboard. We can now create content interactively along with the participants. We can quickly insert a blank page directly in the PowerPoint presentation, change slides, select colors out of the color palette together, high light certain are as of the face or out line the lip contours. Also, in an MS Excel file, we can draw graphs and explain the min a very innovative way".
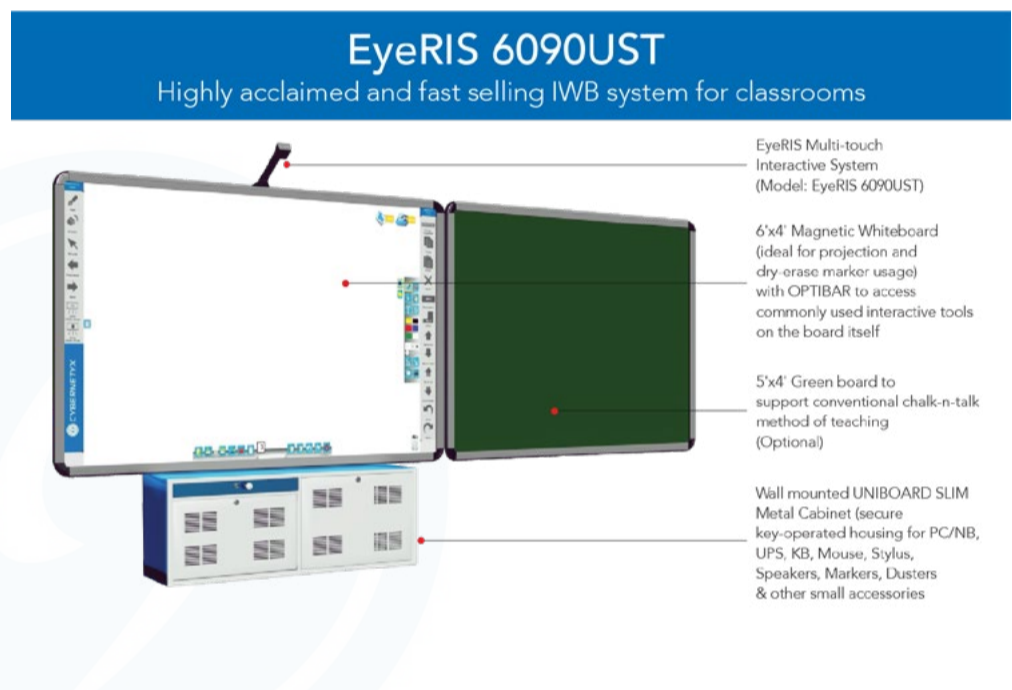
Mr. Pankaj Sharma
(BusinessManager-Channel,Cybernetyx)

Describing the available products/Solutions for the valued users in Indian subcontinent Mr. Pankaj Sharma (Business Manager– Channel, Cybernetyx India) added "Cybernetyx® has had an extensive and enriching presence in India with a dedicated sales, development and support office located in NOIDA. Post the deployment of more than 30000+ interactive systems from Cybernetyx® India office, we command a leading market share and our flagship product EyeRIS® (Eye-like Rapid Imaging System) is acknowledged widely as standard in the interactive white board solutions space for both K-12 and higher education.Cybernetyx® has always focused on providing its clients with industry leading and cost-effective ICT equipment and software solutions. We are a customer-centric organization and regular product updates and new product developments based on customer feedback are our strength and focus area.

With our latest 7 & 8 gen EyeRIS® products like 7090UST, 8090UST& 8120STwe have taken the ease of use of IWB to the very next level. With 7 & 8 series of products we have eliminated the biggest challenge that a user faces in a classroom 9, 25 or even 49 point calibration. Our 7 & 8 series products are equipped with Auto-Calibration functionality so that you don't have to calibrate them anually at all. With EyeRIS® 6120ST and 8120ST we have tried to tap a relatively unexplored

market of life-size IWB. The general size of our IWBs is now up to 120 inch from the conventional 77/78 inch and at a much more competitive price than the market. This eliminates the big issue of content visibility from the last benches in a mid/large sized classroom.

Challenge

Create an interactive learning environment and to optimize the learning experience with a reliable and cost-effective technology infrastructure.

Solution

Using existing infrastructure and modular EyeRIS® Interactive System to access unlimited free-of-cost Multimedia content from the best resources on the web curated by Cybernetyx® Search Engine (MyCloud™).

Benefits

Allows teachers to demonstrate learning exercises on board while students follow along on the worksheets. Teachers easily incorporate interactivity and multimedia into lessons. A simple and intuitive user interface levels out the learning curve of using the solution.

Additionally, we have introduced a new version of our highly appreciated UNIBOARD AIO solution - v1.1, and the recently introduced UNIBOARD Slim, keeping up with the changing trends in ICT setup in classrooms. Also, with customers moving towards short-throw projectors, our latest offering Cybernetyx® i-Mount is compatible with nearly all short-throw projectors. iMount is now available in India and has been deployed in more than 1000 classrooms already".