CYBERNETYX

DELHI PUBLIC SCHOOL
RANIPUR, HARIDWAR

Freude an Technik

A CASE STUDY

Making learning experience impactful
with EyeRIS® Interactive System

Powered by Cybernetyx®

"Digital Classroom is not just about consuming the content containing videos, pictures and worksheets, rather it is about creating your own content and explaining it with an advanced interactive tool"- Mr. KC Pandey, Principal, Delhi Public School, Haridwar. School Campus - DPS Ranipur, Haridwar

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Delhi Public school adopted EyeRIS® interactive whiteboard systems two years ago,when the school principal, Mr. K C Pandey, realized that the existing interactive systems which were used in their school were not as intuitive and interactive when compared with the EyeRIS® gesture-based interactivity with top-notch learning tools and cloud-support.

Since then, the school has been using EyeRIS® IWB technology from Cybernetyx® to maximize student engagement, to improve instructional practices and to enhance productivity inside the classrooms.

Optimizing their investments, the school got an integrated solution from Cybernetyx® and EyeRIS® IWB unit was complemented with EyeSIGHT(classroom camera solution) where in teachers used it to show any physical object in 3D, presented any document and even practiced certain part of the science experiments under the camera.

In Phase - 1, the school decided to integrate 20 classrooms with Cybernetyx® Interactive Solution. With excellent feedback from teachers & understanding the real benefits of adopting ICT in Education, the school decided to integrate another 25 classrooms in the next year. In Phase - 2 they again chose Cybermetyx® products like EyeRIS®, EyeSIGHT(classroom camera solution), OptiMark (Student evaluation system) & IntelliSpace (Multi touch Interactive software suite). Presently, there are 45 Classrooms powered by Cybernetyx® products / solutions. *"I've been teaching for over 5 years, and what I've observed is that often the problem with most technologies is the technology itself,"* said Mr. Saravjeet Singh, Computer Teacher (Middle Wing). *"Some technologies have a steep learning curve. Others make it difficult for teachers to integrate their own, existing lesson plans. Still others fail to interest teachers and students after the initial excitement wears off. But EyeRIS® provided an interactive experience that really resonated with us"*, - added Mr. Singh.

Cybernetyx® trainers did a hands-on training, review and certified the teachers upon successful completion of the training program. Ms. Ankur Sharma, Teacher Science (Physics) who attended a training session says "The very next morning I plugged EyeRIS into my computer and projector, and I was ready to start teaching. It's very user friendly".

Mrs. M. Gayatri, Science Teacher (Bio-Chemistry) opined that she easily adapted to the EyeRIS ® Interactive system because she didn't have to redesign her existing lesson plans to incorporate the technology. "*EyeRIS® has enhanced my lesson plans by providing me versatility, along with multimedia content from MyCloud and Multi-touch interactivity, opening the doors to new possibilities.*" Teaching staff of DPS, Hariwar were extremely impressed and pleased with 'MyCloud™' feature which gave teachers access to classroom content free of cost on almost any topic. Using the most relevant digital content from MyCloud™, teachers could deliver their best without wasting much of their time in drawing tedious and lengthy diagrams. DELHI PUBLIC SCHOOL RANIPUR, HARIDWAR.

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Shri K.C. Panday (Principal) received National Teachers Award 2012 by Hon'ble President Shri Pranab Mukharjee on 5th September 2013 at Vigyan Bhawan N. Delhi

Principal of DPS, Mr. KC Pandey said that "*I don't prefer the content delivery model instead what we were thinking was a solution where teachers can develop & deliver their own content. Using MyCloud this very idea flourishes and teachers could also save it for the future use and access it anytime in the school*". He feels that teachers would be engaged if every teaching resource was of the highest caliber.

"EyeRIS® almost revolutionized the teaching learning experience at DPS School with its intuitive Teaching Software IntelliSpace, having features like gesture and hand writing recognition in multiple language including French, German, Japanese and many more, feather-smooth writing experience with real time response, super-compressed classroom lecture recording" - **added Mrs. Preeti Joshi (French Teacher).**

Challenge

Looking for possibilities of making lessons more creative and engaging for students.

Solution

EyeRIS Interactive Solution helps teachers create their own content using Cybernetyx® MyCloud™ Search Engine and saving the created content for future use in their own Resource Library.

Benefits

Allows teacher to meet the needs of each student's learning style, interests and background. Relates teaching to everyday interests of students providing the same teaching interface like smartphones and tablets. Provides recording of lessons to be placed online for later review. Enables special needs students to participate from home.

"Since adopting the EyeRIS® Interactive System I have seen a substantial increase in the test scores and grades of the students, many of whom in past years were performing below grade-level proficiency expectations. Some of these students have diagnosed learning differences, while others simply and it easier to focus and be engaged when curriculum is presented with interactivity and multimedia" - **added Mrs. Uma Pandey (Head Mistress).**

Mrs. Anuradha Badoni's (Teacher – Mathematics) favorite IntelliSpace feature is the Geometric Tools & also the record button located at the bottom of Menu bar. This allows her to record everything happening on the board including annotations, sequence of events and even what she is saying. These recordings are then uploaded and shared. *"Throughout the class, both visual and audio segments of the lesson are recorded and uploaded to our class website for absent students, students who need to review the lesson before attempting homework"* – **added Mrs. Badoni.** Cybernetyx Interactive Systems changed the efficacy of classrooms across DPS by increasing classroom engagement of students. *"We should definitely recommend other schools to adopt this advanced technology product"* – **opined Mr. Saravjeet Singh.**

Mr. Aman Hora, Associate Manager – Product, Cybernetyx® (HQ at Hameln, Germany), shared that *"the Interactive whiteboard of tomorrow would bean integrated product, which will play multiple roles by utilizing the power of its software without any increase in the cost"*. While sharing the new innovations in Interactive classroom technologies for education, he also added that *"the next generation interactive whiteboard is evolving beyond the traditional roles of a pen-shaped click-mouse. Today it is acting as a content gateway,*

Mr. Aman Hora Associate Manager – Product (sales@cybernetyx.com)

a document camera, an evaluation system, a student response system and even as a host PC in the classroom. Educational institutes have always valued optimizing their investments. They appreciate the fact that spending money at all these devices separately and then struggling to make them work in unison does not work out so well in the end. The interactive whiteboard of tomorrow would be a single product, which will play all these roles in itself utilizing the power of its powerful software, with no incremental purchases to be made by the client, thus exponentially increasing the client satisfaction & user experience. Cybernetyx® HCI Research has developed several innovative products based on the above philosophy of innovation".