CONNOISEUR®
ELECTRONICS PVT. LTD.

In association with

MILLENNIUM@EDU
sustainable education
Making a difference for 15 million students

intel®
Education

Microsoft®

TECHNOLOGY TRENDS IN EDUCATION

A Big Transformation

Computer to Mobiles

Books to e-books

"Sage on stage to Mentor on side"

"We want to have one mission and target: Take the nation forward – Digitally, and Economically"

- Shri Narendra Modi

The Digital India programme is a flagship programme of the Government of India with a vision to transform India into a digitally empowered society and knowledge economy.

DIGITAL INDIA

Governments around the world are engaged with providing education facilities, at many levels. The use of digital technologies for providing and assisting education are growing. These facilities are a strong presence in many countries. Issues of research pertain to the access, quality, regulation, evaluation of these services, amongst many others. There are many challenges to providing these services and these constitute an active area of research.

Information and Communication Technology (ICT) can contribute to universal access to education, equity in education, the delivery of quality learning and teaching, teachers' professional development and more efficient education management, governance and administration.

Topics of interest include, but are not limited to, the following:

- Communities of practice in education
- Teacher-centered ICT education
- Design of massive open online courseware
- Local language use in ICT-based education
- Policies for ICT-based education
- Evaluation strategies ICT-based education
- Design of tele-education infrastructure
- Effectiveness of ICT-based education in schools
- Public-private partnerships and provision of ICT-based education
- Use and effectiveness of ICT in secondary and higher education.

Under **eKranti -Electronic Delivery of Services Technology for Education –e-Education**
•All Schools connected with broadband
•Free Wi-Fi in all schools (250,000)
•Digital Literacy program
•MOOCs –develop pilot Massive Online Open Courses.

All Schools will be connected with broadband. Free Wi-Fi will be provided in all secondary and higher secondary schools (coverage would be around 250,000 schools). A programme on digital literacy would be taken up at the national level. Massive Online Open Courses (MOOCs) shall be developed and leveraged for e-Education.

THE FOCUS IS TO BRING TRANSFORMATION TO REALIZE

IT
Indian Talent

+

IT
Information Technology

→

IT
India Tomorrow

This change is already underway in India

Tablets resonating even in "affordable" private schools

India International School Case Study

Indus International School Case Study

Intel Education

MILLENNIUM@EDU
sustainable education
Making a difference for 15 million students

Microsoft®

India International School Case Study (Intel):

Case Study
Intel World Ahead Program
Education

(intel)

Expanding the Horizons of Learning through Technology

India International School delivers high-quality learning through the effective integration of technology

India International School, based in Bangalore, India, in their endeavour to provide holistic value-based education to their students, integrated technology into their learning system and transformed their education delivery system – ultimately resulting in a positive impact in their overall education system.

Technology advancement is helping the students in the school to learn in a better way. Students are very happy and they have taken to technology very nicely and are sharing their experience with one and all.

M Krishna
Chairman,
India International School

INDIA INTERNATIONAL SCHOOL

Challenges
- Fostering better understanding of various concepts
- Shifting from a traditional model of direct instruction to student-centric learning
- Delivering global learning for a complete learning experience

Solutions
- India International School effectively integrated technology in their education system
- Empowering teachers with technology to deliver better learning experience
- Encouraging students to use PCs/laptops in the classroom

Results
- Enabled independent, skill-based, interactive and collaborative learning for students
- Increased the quality of teaching through the effective utilization of technology by teachers
- Succeeded in providing a globally connected learning environment for students

---

Indus International School Case Study (Intel):

Case Study
Intel World Ahead Program
Education

(intel)

Transforming Education through Technology

Indus International School, Bangalore, adopts 1:1 learning methodology for equipping students with 21st century skills

Indus International School, Bangalore, and Indus International Community School, true to their commitment to providing education beyond the classroom are imparting 21st century skills to their students through Intel's 1:1 learning methodology and are enabling lifelong learning – helping their students become actively engaged citizens of the world.

I feel that lifelong learning is a competency for the 21st century and anybody cannot become a lifelong learner if he is an illiterate person. And therefore technology and in particular the Internet enables self learning and self directed learning, and that was the main purpose behind our adopting eLearning for the school.

Lt. General Arjun Ray
CEO,
Indus Trust

INDUS Bangalore

Challenges
- Creating an educational system that prepares students for success in the 21st century
- Shifting from a top-down and hierarchical learning to a more inclusive student-centric learning system
- Empowering teachers to integrate technology into classrooms

Solutions
- Intel-Indus International School collaboration to support new ideas and innovative programs
- Specific initiatives to make PCs and the Internet more accessible and to make them integral to the teaching system
- Extensive teacher professional development on how to integrate technology into the classroom
- Indus International School implemented 1:1 eLearning for all their students, enabling student centered, life-long learning
- Teachers are integrating technology and 21st century skills when delivering lessons
- Students are developing skills in critical thinking, problem solving and collaboration

CONNOISEUR®

Millennium @ EDU Sole Lab

News Paper reviews:

For a holistic digital learning experience in classrooms

Dignitaries at the event that saw Microsoft conferring 'Innovative School Award' to private schools

Express News Service

Chennai: Stressing that digital learning was the future and that textbooks will phased out slowly, Pratik Mehta, director of education, Microsoft India, conferred the Microsoft 'Innovative School Award' on four private schools which have adopted the global giant's education packages for classroom learning.

The schools, in association with companies like Microsoft and Connoiseur, have set up Self Organised Learning Environment (SOLE) Labs that will enable students in elementary and middle classes to learn in collaborative work groups with close guidance of teachers through a digital platform.

Anand P Surana, correspondent and secretary of Surana Group of Institutions (one of the schools to adopt SOLE), said that the aim was to create an immersive learning environment in schools.

The programme envisages classroom as a re-built learning space where teachers would impart education through devices like laptops or smartphones,

SOLE Labs will enable students to learn in collaborative work groups with close guidance of teachers through a digital platform

while the students would work out problems on the devices. With this programme, the teachings would be broadcast automatically to all students instantly. This model could also help teacher analyse student performance on the spot, said Mehta.

As this was a relatively new technology, Microsoft would train the teachers for using the software through self-learning applications, Mehta added.

Currently, four schools in Tamil Nadu and one in Puducherry are the only Indian schools amongst 45,000 others in the world which have been conferred with the MS Innovative School Award. These schools would have a direct link with Microsoft, which would help in the necessary information transfer.

Millennium @ EDU Projects :

MILLENNIUM @ EDU classroom setup done in the below list of Schools:

1. Kakrola School-Delhi.
2. Society for All Round Development(SARD)-Delhi.
3. Mountain View School-Chikmagalur.
4. G T Aloha Vidhya Mandir-Chennai.
5. SJT Surana Jain School-Chennai.
6. Chennai City Corporation School-Chennai.
7. Takshila School-Vellore.
8. Mamta Niketan Convent School-Punjab
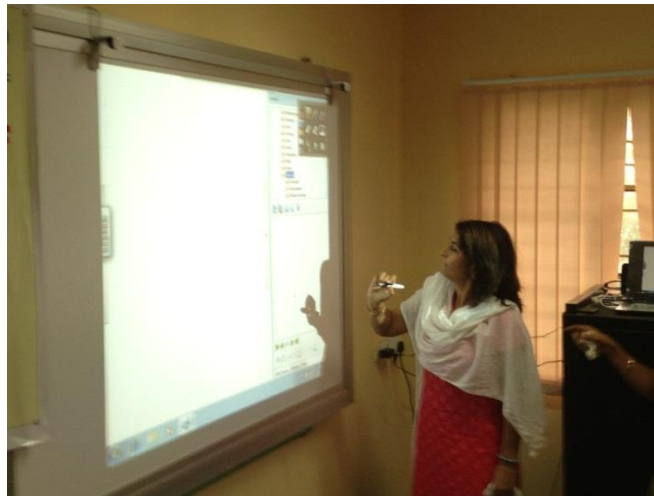9. Nagesh Karjagi Orchid School-Sholapur

Millennium classroom setup in Karkola School-Delhi
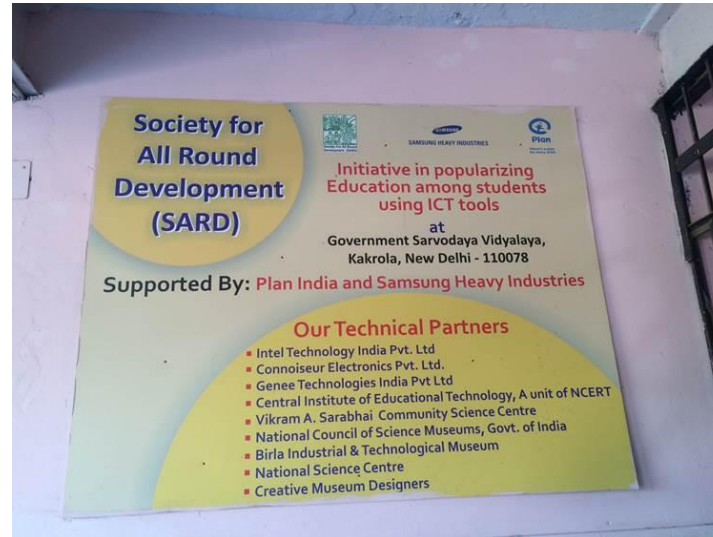
Millennium classroom setup in Karkola School-Delhi

Millennium classroom setup in SARD-Delhi
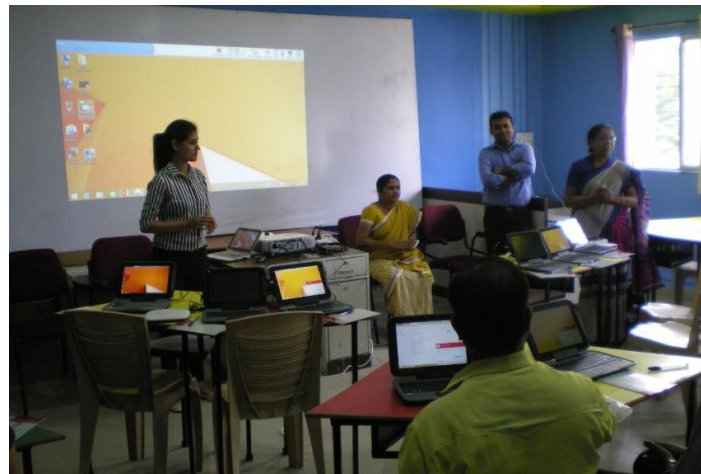
Millennium classroom setup in mountain view school-Chikmagalur

Millennium classroom setup in Mamta Niketan School-Punjab

Millennium classroom setup in Nagesh Karajagi Orchid School-Solapur

Millennium @ EDU Projects :

Millennium @ EDU Projects completed:

1. **G T Aloha Vidhya Mandir-Chennai.**
2. **SJT Surana Jain School-Chennai.**
3. **Chennai City Corporation School-Chennai.**
4. **Takshila School-Vellore.**
5. **Mamta Niketan School-Punjab.**
6. **Nagesh Karajagi Orchid School, Solapur.**

Millennium @ EDU Projects under EXECUTION:

1. **Jain International School-Bangalore.**
2. **JSS Public School-Mysore.**
3. **Lily Rose High School-Bangalore.**
4. **Akara Education-Trichy.**
5. **SSBS Arts & Science College-Trichy.**
6. **Oxford Institution-Bangalore.**
7. **iDream Education-Delhi.**
8. **Pearson.**

Work in progress for several Millennium @ Edu Digital Classroom deployment.

Thank you!!!