

- Because of limited exposure to the students, poor delivery by teachers, students can't visualize what ever has been taught!.
- If the students remain absent due to some unavoidable reasons, the proceeding of that day is lost and is not repeated anytime in his/her lifetime. Most of the teachers are reluctant to teach a lesson more than once.
- As all the "powers" in the classroom are in the hands of the teacher hence the classroom environment becomes teacher centered. Role of students is limited to listening only.
- Teachers do not feel like enriching their knowledge since they don't see any need of the same.
- Knowledge of the teacher is "Ultimate level" of knowledge in the classroom which is very low!
- There is no exposure to the children and the teachers to outside world.

YPS's Experience :

Yerala Projects Society is a NGO working for the development of people living in drought prone villages since last 31 years. Nice years back YPS initiated development process in 22 villages of Jath block of Sangli district. These villages are situated on the state border of Maharashtra and Karnataka. These villages are about 140 kms away from district head quarter, as the result of which almost no government programs are seriously implemented in these villages.

YPS is implemented an education improvement program "Edu-key" in 22 villages. After implementing this program for about 4 years, local people and YPS decided to start a high school which could be used as a "Educational laboratory". Main aim of this school is to demonstrate progressive teaching techniques to make education meaningful.

With the support of Dutch donors we have equipped all 6 classrooms of our school with Latest Computers, 29" televisions, audio system. We have installed required software in four modules,

- Plain reading of every lesson
- Explanation of important points from every lesson using visuals.
- On screen questions and answers using games.
- Examination.

Chaitanya Software is a Pune based company which is developing educational programs since last 10 years. YPS used the program developed by Chaitanya software. Initially Chaitanya software developed program in computer to one student mode. Later they made changes in the program to suit computer to entire classroom.

YPS's school (name- School of Progressive Education-SCOPE) did this experiment in one class of 8th standard students three years back. Next year it was done with both 8th and 9th class. Now this is being used for 3 classes 8th, 9th and 10th.

Results Obtained:

The results of using "Digital Technology" in education are amazing! We can overcome all the lacunas listed above.

In this system teacher plays the role of "facilitator". First every lesson is read from first word to the last in standard language, clearly and correctly. When the lesson is being read on the computer, students follow the same in their text books, teacher observes the students, when teacher feel that some more clarification is needed he/she put the computer on Pause and explain the same till every student understand fully. Once the reading is over, next module is displayed in which important points from the same lesson is described using visuals. After this, question and answer session starts, in this one question is asked with 4 probable answers, out of which one answer is correct. Students play this like a game. In the final module examination is conducted.

As every classroom is connected to Satellite through dish antenna, national and international news are shown twice a day. Secondly important and informative programs on channels like Discovery, Animal Planet are shown regularly.

YPS experienced that by adopting this innovative educational tool in the school, we could impart good quality education to the students. Due to the use of audio visual media, the environment in the school becomes friendly.