

Capacity Building of Schools and Teachers in ICT

Though certain infrastructure has been made available sporadically, use of ICT has not yet started to be used in our schools in a whole some manner. At present, the major objectives are in front of us. These are as follows:

- a) Training of existing teachers in ICT
- b) Teacher's training through use of ICT to meet large requirements.
- c) Use of ICT based content by the teachers for the benefit of students.

Though a variety of readymade ICT based topics covering subjects in school curricula is available in the market, teacher needs to know the difficulties experienced by the class and suit the ICT use accordingly. Every year the composition of students in a class will change and 'One Size Fit All' will not meet the requirement 100%.

Therefore, the tools of multimedia should be known to teachers and in an interactive manner s/he may let the students use them through workshops. The outcome of the exercise should be made available in the web for a 360° review which will benefit the teacher to plan for 'Class' in the next session. In this manner the quality of learning will improve.

In case these content are available in the web it can benefit the students registered in open schools as well.

For teachers' training e-learning modules can be developed and can be transmitted to large number of centers through internet and satellite.

If possible, the course can be administered through Intelligent Tutoring System (ITS). ITS is a Learning Management System where subjective assessment / input is also taken into consideration for guiding a student for selecting module to module (including time duration) to go through the course curriculum.

This type of network is inevitable in a long term since the teachers will be needed to undertake refresher courses throughout their career.

Other pertinent issues to be resolved may be as follows:

- (a) Providing necessary incentive to teachers to inculcate ICT attitude
- (b) Making time available for the teachers to learn the new medium of communication and
- (c) Easy access to the internet since students will access internet on their own and may come better prepared with their queries etc.