

ICT IN EDUCATION

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Shri Baldev Pari Pari has an M.Sc., B.Ed. (Mathematics), M.E in Education and has been teaching for 21 years at the secondary level. In 2010, Baldevbhai started learning the basics of technology. His friend Ghanshyambhai initiated him into technology. Drawing inspiration from another innovative teacher Jitubhai Gojariya and his blog, Baldevbhai also created his blog. From 2011, he started uploading his creative experiments, quizzes, and puzzles on this blog.

Teachers had many technology questions: how to create educational digital material, how to create a blog, how to conduct searches using the Internet, how to create a flash quiz, how to use YouTube, and several others. Shri Pari decided to fill this gap and arranged a discussion forum called “Digitization in education”.

He made available all the subject-specific material relevant to each unit, such as reference materials/educational videos/poems/papers on his blog so that other teachers could easily download. To introduce teachers to this work, he held a workshop in 2015 at Bharati Ashram located at the foothills of Girnar, Junagadh. About 90 teachers

of standard 8 to 12 gathered for this workshop. At the time education minister Bhupendrasinh Chudasama was also present and spoke to the participants for about an hour. Baldevbhai himself bore the non-food expenses of the workshop while teachers managed their food. Some of the topics covered in this workshop included information on electronic devices and their use, basic Internet education, ICT for classroom implementation, information about blog and how to create digital educational material. The workshop was followed up through regular telephonic discussions.

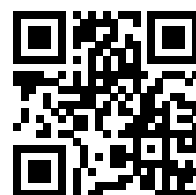
A DVD containing useful materials was provided to the participants. It contained primary and secondary materials such as reference materials, poems, Mp3, video, etc.:

- Chapter wise MCQ quiz for standard 9, 10, and 12 which is very useful for the teachers;
- Information on useful educational mobile applications for primary and secondary classes;
- How to create a blog;
- Different tips on using the Internet;
- How to create a flash quiz;
- Reference literature on special school level celebration of certain days.



Mr. Baldevpari giving ICTE training to other teachers

Workshop video





Free ICTE training



Studio developed at Home

Another 19 workshops followed up this activity, all held on voluntary basis.

Up to now about 30 workshops have been conducted. Two of these conducted in Surat and Navsari were streamed live on YouTube too. About 2500 teachers have benefitted.

Shri Pari then made a studio at his home for recording videos and delivering online lectures, spending about 2.5 lakh rupees. To deal with the COVID-19 situation, he has developed one application of videos and quizzes for 1 to 12 standard students, available on the Google play store. Also he takes classes for 10th standard students in math through YouTube.

Many teachers have given their opinions through WhatsApp. Many teachers routinely contact him through phone calls and express

their happiness upon learning about technology. One student, Chandanbhai Rathore, attended the second workshop and decided to contribute to this task. He is still associated with Shri Pari.

Regular updates are provided on the website – www.baldevpari.com. During the lockdown, Shri Pari uploaded 900 videos based on mathematics for standards 5 to 10.

Shri Pari has received several awards, including the Sandipani Award by spiritual guru Rameshbhai Ojha at Porbandar in 2015, Best Teacher of the state in 2016, Best Teacher Award of the Teacher's Development Council at Goa in 2016, Gujarat Best Science Teacher Award at Delhi's Sidsar in 2017, President's National Best Teacher Award, NAT in 2018. Several NGOs have also recognized him.



QUESTIONS FOR TEACHERS

1. How can ICT be used effectively in education?
2. What activities can be undertaken to provide quality-based study to children?
3. What are the things to keep in mind when using videos taken from YouTube in the classroom?

QUESTIONS FOR TRAINEES

1. How can ICT be integrated into education?
2. How can ICT be used to motivate children for self-study?
3. What activities should be done to increase the creativity of children?