

# voice of change

ISSUE 2, JANUARY, 2011

A BHARTI FOUNDATION PROGRAM UPDATE

## The Forerunners of Change

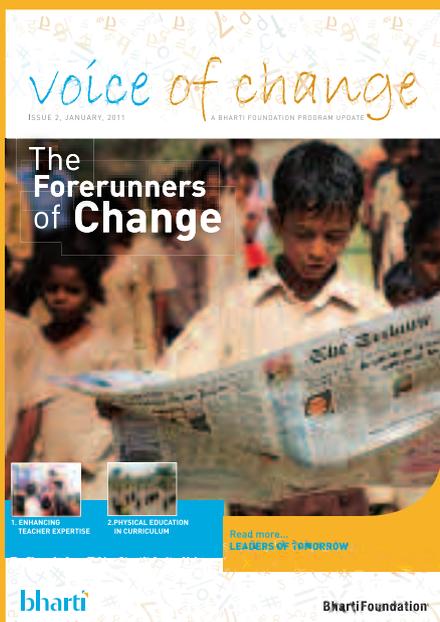


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Satya Bharti School  
Senior Secondary  
School Program



Events

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Leaders of Tomorrow



Physical Education in  
Curriculum



Enhancing Teacher  
Expertise



Our Teachers Make Us  
Proud

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# Bharti Foundation wins The Economic Times Corporate Citizen of the Year Award 2009-10



## The Economic Times Corporate Citizen Awards 2009-10

Bharti Foundation has been awarded **The Economic Times Corporate Citizen of the Year Award 2009-10**. The award seeks to honour the contribution to public good, through commitment to critical social causes that influence the lives of thousands of people all over the country. Bharti Foundation was awarded for its education initiative, The Satya Bharti School Program, which provides free and quality education to underprivileged children with a special focus on the girl child, in the rural pockets of the country.

## Sunil Bharti Mittal named the 'Philanthropist of the Year' at the Asian Awards 2010

Mr. Sunil Bharti Mittal, Chairman and Group CEO, Bharti Enterprises, was awarded the 'Philanthropist of the Year' at the prestigious Asian Awards Ceremony, this year. Mr. Mittal has been recognized for his outstanding contribution in the area of education for the underprivileged through Bharti Foundation, the philanthropic arm of the Bharti Group. The Asian Awards 2010 is the first-of-its-kind in celebration of achievement and excellence amongst South Asians from around the world.



# LEADERS

# OF TOMORROW

At Satya Bharti Schools, it is our continuous endeavor to develop in children the ability to connect with their community and emerge as forerunners of positive change. Thus, the school calendar encompasses theme-based community service programs, enabling children to experience beyond classroom teaching. The objective is to link them with the community and increase their participation in local societal issues.

Keeping this in mind, the students of the Satya Bharti Schools are encouraged to take part in activities that help them identify issues that affect their own communities and find solutions to address these

social evils. The Design for Change School Contest is one such opportunity where our students have participated two years in a row and have been recognized for their efforts.

## Design for Change School Contest 2010

Launched as a part of the 'Joy of Giving Week' in September 2009, **The Design for Change School Contest** was conceptualized to promote student intervention to overcome social ills. Last year 83 Satya Bharti Schools participated in the contest, of which nine schools were declared winners in various categories. This year, of the 200 schools and 2,00,000 children participating in the contest from all over the country, 94 entries were from the Satya Bharti Schools. Of these, 10 Satya Bharti Schools were

chosen winners in different categories at the national level. All winners were presented with gift cheques worth ₹5000 and the two schools in the 'Top 20' and 'Special Jury' category were awarded Disney Kits and Digital Cameras, respectively.

## Breaking Social Taboos Winner: Special Jury Award

In the Basaibhopal Singh village in Alwar, Rajasthan, 'Mrityu Bhoj' is a common local ritual practiced by almost every household. In this, the family of the deceased offers a feast to the entire village so that the departed soul can find peace. Thus, irrespective of financial conditions this practice is followed by all. This often leads to poor people being forced to borrow money on very high rates or even mortgaging their land or property to money lenders. Therefore, the students of the Satya Bharti School in Basaibhopal Singh decided to highlight this issue as a social evil and find solutions to challenge this practice.

As a start to this campaign the students performed 'Nukkad Nataks' (skits) at different places in the village highlighting the futility of the practice and asking community members to stop spending money on such rituals. They explained to community members the root of these social evils and how it often led to unfair exploitation of the poor financial condition of families.

The students also conducted rallies and displayed slogans in and around the villages to demote the practice of 'Mrityu Bhoj'. While the students have not been able to completely demolish the practice in the village, they have been successful in explaining the ineffectiveness of the ritual and influencing the mindsets of people.

## Water Harvesting Winner: Top 20 Category

Baliyawali Talai is a small village in the Amer district of Rajasthan. Being part of a desert state, the region hardly receives any rainfall. For the first time in five

years, the village was blessed with sufficient rainfall this year, bringing hope to the local communities to overcome their daily struggle of obtaining water. Perceiving this as a suitable opportunity to address the water crisis in the village, the students of Satya Bharti School in Baliyawali Talai, Amer decided to turn this need into a movement.

The students conceptualized and developed a rain water conservation mission in the area. They held meetings with community members and did a resource mapping of the water requirement of the village and its estimated usage. They then introduced and demonstrated the method of making 'Dabris' (small pit holes for ground water recharge) for storage of rain water. They also conducted rallies in the village of Baliyawali and the surrounding villages to build 'Bori Bandhs' (Water Bands) to store water in one place and prevent soil erosion. Regular awareness events were also conducted during this period to introduce the community members to concepts of roof water harvesting and household level water conservation methods. The entire community joined this campaign on the behest of the students and made it a huge success.

### THE SATYA BHARTI SCHOOL WINNERS 2010

In the Top 20  
Satya Bharti School, Baliyawali Talai, Rajasthan

Special Jury Award  
Satya Bharti School, Basai Bhopal Singh, Rajasthan

In the Top 100  
Satya Bharti School, Bamanua, Uttar Pradesh  
Satya Bharti School, Hussainpura, Punjab  
Satya Bharti School, Mohie, Punjab  
Satya Bharti School, Marena Wangar, Uttar Pradesh  
Satya Bharti School, Bari Khas, Uttar Pradesh  
Satya Bharti School, Jalal diwal, Punjab  
Satya Bharti School, Saanch, Haryana  
Satya Bharti School, Kurria Kalan, Uttar Pradesh



Students of Satya Bharti School being awarded by Rahul Bose



Community members build 'Dabris' as a part of the water harvesting campaign

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# PHYSICAL EDUCATION IN CURRICULUM

Physical Education in Curriculum or the PEC has been developed by CBSE in collaboration with The British Council, in order to build a healthy and fit generation of children. Originating as an idea in London, when the city was bidding for the 2012 Olympics, the PEC aims to help children learn team spirit, endurance and fair play from an early age.

## Objectives of Physical Education in Curriculum (PEC)

- To offer support by introducing new teaching approaches and activities in physical education lessons for primary children.
- To provide a new range of educational resources for physical education.
- To help children and teachers connect physical education and mainstream curricular learning.
- To assist schools to deliver elements of the physical education curriculum in an integrated manner.
- To cater to holistic development of children by focusing on physical education.

## Addressing the Needs of Holistic Development

Introduced in all Satya Bharti Schools in July 2010, the PEC has become an integral part of the school curriculum. It provides structured, age-appropriate games and activities to aid holistic development of children. By incorporating activities that are developmentally appropriate, the PEC Program makes sports

more enjoyable and relevant. Since it is linked to the mainstream curriculum, it also allows children with a high kinaesthetic intelligence an opportunity to meaningfully engage in lessons.

The Satya Bharti School Curriculum aims at holistic development of children. It seeks to give them an opportunity to participate in a wide variety of experiences, inside as

well as outside the classroom. The teaching methodology incorporates various activities such as group work, discussions and role plays that facilitate their social and emotional development. Games and sports also form a part of the curriculum and help physical development of children. The PEC Program thus offers a definite structure in which physical education classes can be

conducted at the school. It helps children engage in fun-filled yet meaningful exercises that aid their physical and cognitive development.

### The PEC Kit

The PEC Program is conducted through a PEC Kit comprising of around 200 cards and a host of simple equipments like various types of balls, bats, skipping ropes, hula hoops, marker cones and a rubber tennikoit ring. Each card has details of the game, the learning expected from it, its curricular connection and the equipment to be used, alongside safety measures. These bilingual cards are connected to the English, Mathematics and Environmental Studies curriculum and have sufficient activities for a 40 minute PE lesson including a warm up, main activity, a cool down activity and a recapitulation of the lesson. Apart from these, teachers are also provided a teacher's manual which functions as a guide book.

The focus of activities and tasks in the PEC are demarcated according to the classes. For Standard I-III the focus is on movement development and fundamentals of movement learning like agility, balance and coordination. In Standard IV and V children are challenged to use the skills developed so far through complex games and activities. From Standard V onwards children play games that help them develop skills required for team games in upper primary classes.

The PEC kits are designed to not only help children enjoy structured physical activities but also teach them various subject skills during the games period. For instance, a simple walking on toes and heels activity in Standard I is linked to the topic of shapes in Mathematics and to the topic of 'Me' in Language/ Environmental Studies. Children also learn new vocabulary related to the human body through this activity. In Standard IV, high jump and long jump activity helps children understand the concept of measurement of distances.

### The Impact of PEC

The PEC Program has changed the way in which children of the Satya Bharti Schools play games, not only during school but after school as well. It has been extremely well received at the schools and is a favorite among most students. Teachers also have help in the form of detailed instruction cards and are not required to introduce new activities to engage the children meaningfully. The Satya Bharti Schools in Jodhpur, Rajasthan have incorporated some of the PEC games, like the Zig-Zag race with a ball & stick (a game for Standard I and II) as a new event in the upcoming Sports Day for the junior group.

By incorporating the PEC Program in the Satya Bharti School curriculum we hope that children will embrace and enjoy exercise and understand its relevance, thereby making it a part of their daily routine as they grow older. We also hope that this program will help us identify a few bright sparks who show a leaning towards sports and who, with the right training and guidance will be able to take up sports as a vocation later on in life.

'Before PEC, students were playing traditional games like cricket during the sports period in which the participation of all the students was not possible. Students also got bored playing the same game. After implementing PEC in our school, students have started showing interest in games due to the variety and scope of full participation. This is also being reflected in the improved daily attendance...'

Balraj Singh  
Head Teacher,  
Satya Bharti School, Bhilowal Kacha,  
Amritsar, Punjab



Students enjoy a physical education class at Satya Bharti School.

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# ENHANCING TEACHER EXPERTISE

At the Satya Bharti Schools, assessments have consistently been used as an important tool to improve teacher performance in areas of knowledge, skill and attitude. The Teachers Subject Knowledge Test (TSKT) is one such tool that was introduced across all Satya Bharti Schools in 2009-10 to enable teachers to reflect upon their strengths and motivate them to undertake self-directed learning. Tested in English, Mathematics and General Knowledge, the exercise identifies gaps in content knowledge and helps teachers work on their weak concepts. It also provides a platform to identify training needs for teachers and facilitates designing of suitable trainings.

## Objectives of TSKT:

- To develop learning skills in teachers and facilitate self-directed learning.
- To identify areas of focus in conceptual understanding of a subject.
- To improve student learning levels by equipping the teachers with a better understanding of the key concepts through curriculum support.
- To help teachers reflect and work on their developmental needs.
- To help identify training needs and enable the management to devise effective training programs.

## Focus on Conceptual Clarity

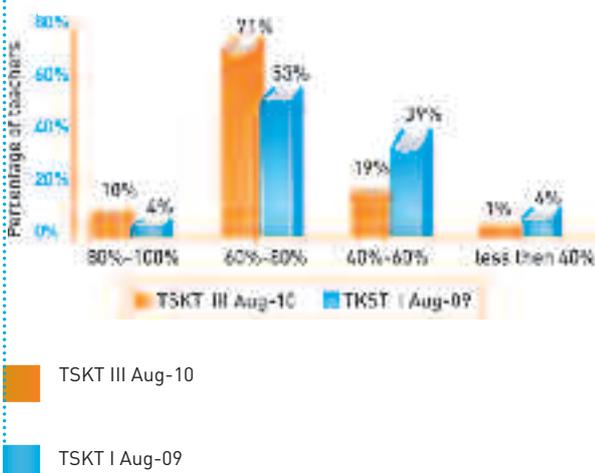
The Satya Bharti School Program focuses on recruiting local youth as teachers for its schools. The qualified teachers displaying high levels of passion and commitment to the cause are chosen and put through intensive trainings on the basics of pedagogy. Further, subject specific pedagogical inputs are also provided to help teachers strengthen their conceptual foundation. Thus, tests like TSKT help in increasing teacher knowledge and enhancement of skills to improve classroom transaction and student learning. It provides an interesting analysis of classroom observations and student assessments and highlights a strong correlation between conceptual clarity of the students and the teachers' own conceptual understanding of the subject.

## The Test

Three rounds of the Teacher Subject Knowledge Tests (one test in 2009 and two tests in 2010) have been conducted so far across all the operational Satya Bharti Schools. Prior to the first test, meetings were conducted with the teachers at district levels to share the objective and essence of the exercise. The results of the tests have also been communicated individually to the teachers. They have been encouraged to analyze their results and identify topics they would like to work on.

## The Results

Comparison of Overall Results



The TSKT results over the first and third test shows improvement in the overall scores of teachers. A significant improvement has been noted, specifically

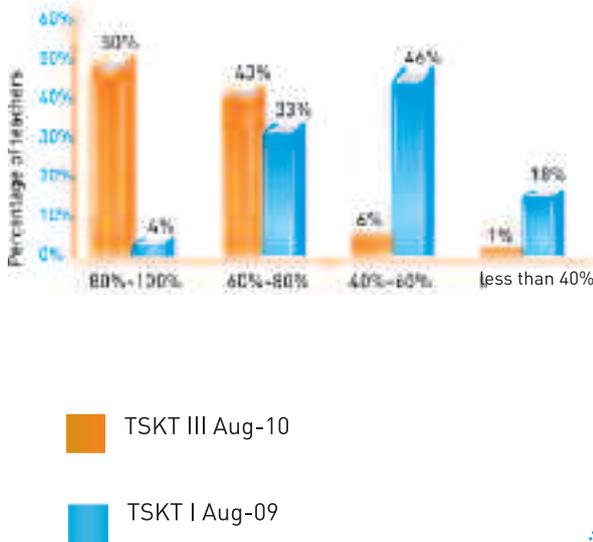


A teacher undergoes a training session to enhance English speaking skills.

in the English language with 50% teachers scoring between 80%-100% marks in TSKT III as compared to only 4% teachers in TSKT 1. The teachers have scored well in comprehension.

The results for mathematics highlight high scores in patterning, reasoning and the need for additional support in mensuration.

Comparison of English Results



### Impact of TSKT

TSKT has helped teachers enhance their proficiency in the subjects they teach. They are also more focused during trainings and work towards self-directed learning for professional enhancement. They have more confidence and self-esteem and are able to take greater ownership of student learning.

The results of the tests have also led to the creation of new modules of training with greater focus on micro-skill development of teachers. The trainings now have an individual school based coaching component to help bridge conceptual learning gaps of teachers. Further, the curriculum is being supported with teacher notes, aimed towards clarifying conceptual understanding of teachers by widening the concept trajectory.



A Mathematics training session in progress.

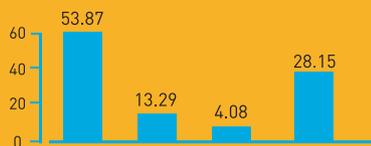
### Sample Question

Look at the figure   
The sum equals to

- a)  $1/2$
- b) 2
- c)  $1/4$
- d) depends on what one unit is

#### Percentage Responses to Various Options

Analysis of teacher responses to Question No. 11 in Mathematics



#### Analysis

28.15% of the teachers answered 'd' (correct option). Most of the teachers marked the option 'a' which shows that the teachers assumed that a circle would be a whole and that the two figures shown are parts of that circle which reflects their predetermined notion of a whole.

#### Learning

Understanding that 'whole' needs to be revisited when fractions are done. Thereafter, equality of parts and then parts of a whole should be taken up.

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# THE SATYA BHARTI

# SENIOR SECONDARY SCHOOL PROGRAM

The Satya Bharti Senior Secondary Schools aim to provide children with quality education and vocational training, helping them become independent and employable citizens.

## Continuing Quality Education

The Satya Bharti School Program was launched in 2006 as the flagship initiative of Bharti Foundation to provide free quality education to children in rural India, with a special focus on the girl child. Thus, while the primary school initiative took care of children till Standard V, there was a need to provide students with a complete K-12 quality schooling solution. It was to address this concern that Bharti Foundation launched the Satya Bharti Senior Secondary School Program. Each senior secondary school will cater to ten Satya Bharti Primary Schools and will be set up under the public-private partnership model.

Of the 25 Satya Bharti Senior Secondary Schools planned during Phase I of operations, five Satya Bharti Senior Secondary Schools are being set up by Bharti Foundation in partnership with the Punjab Government, under the state's Adarsh School Scheme. While the first school has been made operational in Chogawan, Amritsar, four more schools are under construction and are scheduled to commence operations with the start of the new session in April 2011.

The school currently has 272 students from pre-primary to Standard VI, all of whom belong to Chogawan and its neighbouring villages. Of these, 43% students are girls and 69% students belong to socially backward classes. Though the school is in

the early stages of implementation, the excitement expressed by the children to attend school is already quite evident. The attendance levels of students have shown a steady increase over the last few months with more than 90% attendance in October 2010.

All the nine teachers of the Government Satya Bharti Adarsh Senior Secondary School have gone through a proper induction, training and orientation program. In-class support and continuous trainings are being provided to ensure the delivery of quality education.

Bharti Foundation is now keen to take the Satya Bharti Senior Secondary School Program to other states, especially to the areas where Satya Bharti Primary Schools are already operational. We hope that the Punjab Government's initiative and support will make this public-private partnership model a benchmark for similar models and schemes in other states.



The Government Satya Bharti Adarsh Senior Secondary School, Chogawan, being inaugurated on April 8, 2010 by Dr. Upinderjit Kaur, the Honourable Minister for Education, Punjab

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# EVENTS

## 1. The Airtel Delhi Half Marathon (ADHM) 2010

Date: November 21, 2010

Promoting 'Girl Child Education' as the theme at ADHM 2010, Bharti Foundation garnered the support of more than 950 people to run for the cause this year. This large contingent comprised of 27 corporate houses running as Corporate Challenge Teams and Dream Makers, teachers from the Satya Bharti Schools and employees of the Bharti Foundation and Bharti Group. The corporates also donated a sum of money towards the Satya Bharti School Program through their participation at the event.

As a prelude to the main event Bharti Foundation also organized an interactive session for its Satya Bharti School students with Bipasha Basu, the Face of ADHM 2010 and a superstar in her own right. The gleaming children for whom it was a dream come true to meet the star, were pleasantly surprised when Bipasha joined them for a chat session, sharing her thoughts on her school days and motivating them to study hard to achieve their dreams.



Corporate Challenge Teams at ADHM 2010

## 2. The Bharti Foundation Partner Conclave 2010

Date: July 16, 2010

Venue: The Bharti Crescent, Vasant Kunj, New Delhi

In the four years of the Satya Bharti School Program Bharti Foundation has received tremendous support from organizations that have education as their social agenda. The program continues to receive financial support in the form of corpus, underwriting of operational expenses of the schools, absorbing costs for various processes and providing the required

materials like books, stationery, computers etc. Thus, in July this year, Bharti Foundation organized its first Partner Conclave to celebrate the partnerships and associations that have helped Bharti Foundation and the Satya Bharti School Program in its journey of providing education to underprivileged children in the country.

Apart from the felicitations and experience sharing of partners, the highlight of the event was an endearing interaction of the students of Satya Bharti Schools with the people present. Travelling to the city, far away from the familiar surroundings of their villages, these children were a true testimony of the work being done at the Satya Bharti Schools and brought a smile to everyone's face. Their unflinching levels of confidence and their ability to stand tall in front of everybody, reinforced everyone's belief in the program and that we were on the right path to holistic development through our schools.

#### **New Partners of Bharti Foundation (since July 2010)**

- Bigtech Initiative
- OKS Span-Tech
- Ms. Kalpana Morparia

Special thanks to companies who ran in support of Bharti Foundation at the Airtel Delhi Half Marathon 2010 and associates of Bharti Airtel Enterprise Services

### **3. The Changemaker Awards 2010**

**Date:** August 3, 2010

**Venue:** The Bharti Crescent, Vasant Kunj, New Delhi

With CSR being an integral way of life at Bharti Group, all the Group Companies and employees are encouraged to go beyond the world of balance sheets and profits and undertake social initiatives to make a difference in the lives of the underprivileged. Ranging from employee payroll giving through the ACT Program to undertaking separate initiatives intertwined with commercial business, social responsibility forms the fabric of everything that we do at Bharti.

It is to salute this spirit of 'giving back' that The Changemaker Awards were held for the first time in 2010. Encompassing the ACT Ambassador Awards, now in its second year and the Bharti Corporate Responsibility Awards for 2009-10, the awards identified and felicitated all those individuals and Bharti Group Companies who are supporting social initiatives and truly being a part of the change.

#### **3.1 The Corporate Responsibility Awards 2009-10**

The Corporate Responsibility Awards honoured all those Bharti Group Companies who had made a substantial contribution to social development through their individual line of business. While some

companies undertook the education agenda of Bharti Foundation forward, others undertook initiatives that would make their line of business a more responsible one. The awards therefore recognized all those companies who had not only integrated the vision of CSR within their commercial boundaries but also took firm steps on affirmative action, transparent stakeholder engagement, environment conservation initiatives, social and community initiatives and also innovative use of business products and services.



The Changemaker Award winners with Mr. Sunil Bharti Mittal and Mr. Rakesh Bharti Mittal.

#### **Winners**

Award for Social and Community Initiatives  
FieldFresh Foods Pvt. Ltd.

Award for Environment Conservation Initiatives  
Bharti Realty Ltd.

Award for Innovative Use of Business Products and Services  
Bharti Walmart Pvt. Ltd.

Company of the Year, 2010  
Bharti Walmart Pvt. Ltd.

### **3.2 The ACT Ambassador Awards 2010**

The last year (2009-10) has been a great year for the ACT Employee Philanthropy Program. There has been a significant increase in employee participation from a mere 8% in 2008-09 to 17% in 2009-10, with more than 5500 employees donating towards ACT. This has been largely possible due to the concerted efforts of all those silent supporters who have championed the cause in their own companies and circles. The ACT Ambassador Awards 2010 recognized all those employees across the Bharti Group who helped steer the ACT Program in their respective Group Companies.

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## OUR TEACHERS MAKE US PROUD

The teachers of Satya Bharti Schools are put through exhaustive training programs to enhance their delivery of quality education. While classroom sessions and in-class support form an integral part of the training, teachers are also taught how to prepare lesson plans and incorporate computer technology in their classroom interactions with children.

Taking this forward, the teachers of Satya Bharti Schools recently participated in the Innovative Teacher Leadership Awards 2009-10, organized by Microsoft Partners in Learning Program. The contest, held globally each year, judges teachers basis their ICT-based lesson plans and encourages them to increase the usage of technology in their classroom interactions. Approximately, one lakh teachers participated in the contest from across the country. Of this, more than 100 entries were from the teachers of Satya Bharti Schools and two entries were chosen among the top 25 winners of the contest by a panel of eminent educationists.

The contest was introduced to the teachers of Satya Bharti Schools to encourage them to start using technology as an integral part of their classroom interactions. Using this opportunity, the teachers used various aspects of technology like computer applications, information from the internet, audio-visuels etc. to make their lesson plans innovative and interesting for children.

**Winner 1: Mr. Rengarajan B**  
**Teacher, Satya Bharti School, Panangudi, Tamil Nadu**  
**Topic: Ancient and Modern Man**

Mr. Rengarajan used the topic of 'Ancient and Modern Man' to create an ICT-based lesson plan for his students. He made optimum use of technology by not only showing the students the pictures available on the internet but also adding snippets of documentaries to make the lesson interesting. This visual representation of the topic also helped the students get conceptual clarity about what was being taught.

**Winner 2: Mr. Amardeep**  
**Teacher, Satya Bharti School, Saanch, Haryana**  
**Topic: Maa ke Akshar**

The 'Maa ke Akshar' project highlighted a community development campaign undertaken by the students of the Satya Bharti School, Saanch. Mr. Amardeep used technology as a means to highlight activities being done at his school and share best practices with teachers in the other schools, across the country.

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