

**RAMDAS NAMDEO MIRGE**  
**Z.P.CLUSTER MARATHI UPPER PRIMARYSCHOOL**  
**HIWARKHED BLOCK KHAMGAON, DIST.BULDHANA**

**E-mail – [zpschoolhiwarkhed@gmail.com](mailto:zpschoolhiwarkhed@gmail.com)**

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Z.P.C.M.U.P.S. Hiwarkhed is a cluster school. Under whose supervision there are 10 ZP Primary schools. The village is nearabout 15 kilometers far from Khamgaon block and 80 kilometers from its district place Buldhana. The school is 1.2 kilometer interior from the main highway (NAGPUR-PUNE) road and bus stand. There are altogether 336 students in the school from which 142 are boys and 194 are girls. There are 1 to 7 classes in the school. The total population of the village is 3050. There are various types of communities like Kunabi, Mali, Dhangar / Shephard live in Hiwarkhed.

We are constantly conducting new educational activities for the students. Most of the parents in the school are shepherds by profession and are away from their home for at least 6 months a year. This, of course, brings their children along with them.

But once these children go to their remote areas to feed the sheep with their parents, the children will enjoy changing their villages every day for the care of the sheep, their beautiful lambs, the picturesque hills, and the flowing water of the river, the trees, flowers, fruits, stones and clay. They do not have the mentality to back to school. Also, they do not want to leave their world. Naturally, their school absenteeism increase and this affects their studies.

Most of the parents are shepherds and some of them are members of the school management committee. With the help of them and the villagers, it was easy to bring such students into the education stream.

### **INNOVATIVE ACTIVITIES – LETTER CAPS -**

In Maharashtra, we have been learning English as a third language for many years. Then the former Education Minister Shri. Ramakrishna More recognizing the importance of the English language decided to teach English from the fifth standard. This decision enabled many generations to learn English in a fear-free environment. Many activities have been implemented in our school so that students can learn English playful and joyful mood.

The first and most important obstacle to not learning English is to spell words. The spellings spelled out in them are not remembered forever. There is a lot of difference between rolling information and searching for information. Recognizing this, we have created the English letter caps from a to z to allow children to create

small spelling syllables from themselves and in groups from the first. Each one was given a hat with a single letter. One in the class gives the order, such as cat, then the one who has c, goes ahead with the cap written c then a cap and then t hat. Such children create spelling in the group playing laughing.



### **To construct words in English with enjoyment**

#### **Implementation of the activity –**

For example, if 'Word Guide' says the word 'cat' the students who wore caps of c, a, and t will come at the front. At first, no one will tell them who will come first, second and at the last. But if someone of the three come at wrong serial 'spelling Guide' will correct them, this activity was very helpful with learning output .

1. Each student prepares the spellings with delight.
2. Slow learners trying to learn the spellings.

### **Public participation –**

Many new things have been taught at the Hiwarkhed School today. The school has received an Android projector for E-learning in collaboration with Rotary Clubs and villagers. The school did not have a platform for organizing cultural events. This platform was built with the contribution of parents.

The grant was approved for the school development work in our school with the funding of the 14<sup>th</sup> Finance Commission received from the Gram Panchayat. Damaged tin sheds, repairing to all classrooms, etc. This completely changed the look of the school. Students are also enjoying these changes. The proportion of absentee students has dropped dramatically. This helped us to increase student attendance and school quality.

### **Community participation**



### **Impact of technology use in teaching-learning–**

#### **Alexa Robot -**

Most of the children in the Hiwarkhed School are from shepherds, farmers or labourers. When some children go to their immigrant parents, they are not willing to come back to school. At that point, there must be something interesting in the school to attract those children to the school that will help them to enjoy. Meanwhile, I have heard the news of Alexa Robot created by Shri. Nagnath Vibhute, a teacher from

Pune district. After contacting him & with the guidance and financial support of Nileshji Mudgal, an engineer in Melbourne, Australia. Alexa Robot became a reality in the school Hiwarkhed. Nileshji Mudgal is a resident of Amravati also my relative. When I contacted him through Facebook, he had told me that he was always watching our school's activities on Facebook. Mannequin, who owns a textile shop in Khamgaon City. Because Mannequin was fluent in English, he could easily understand Alexa. So when we asked him for help, he immediately responded. Now kids are slowly interacting with Alexa in English with the help of Mannequin. Hiwarkhed is the second school in the state to implement this initiative. Alexa is a speaking English doll.

### **Computer, Xerox, Scanner and Printer -**

The school has a computer set, with wifi facility. This makes it possible to use the internet on a computer. It has been possible to make various government decisions regarding school and mail about office work, postal preparation. A printer with the Xerox scanner facility has also received the school from the Gram Panchayat office. It is used by teachers to draw pictures and figures for teaching. The troubles of teachers and principals suddenly going to the city are now being read and the time has come for teaching. Teachers will now be able to type the question papers and the papers they need.

### **Smart Android TV -**

The school has been selected as a digital school. The school has purchased 4 TVs and 2 tablets from Digital School Fund. The Gram Panchayat office has received TVs from the 6th Finance Commission for 2-inch and 2-inch TVs. The school has 3 home theaters. By connecting this smart TV with a hotspot in mobile phones, it has been possible to show children various educational videos. Insights into science, Solar System in Geography, Astronomical Events, Poetry Videos, etc. During teaching, the study is useful to make it more interesting and memorable.

### **Using karaoke for vocal skills –**

Karaoke technology is used during schooling to improve children's vocal skills. The lack of music material in the school fills this shortage. Children have learned to sing beautifully with musical composition. The number of karaoke songs has been uploaded on Youtube. We have to connect our mobile phone to amplifier and sing on the mikewith the karaokemusictrack.Itseemsthattherearemusicalinstrumentstoharmonizethe



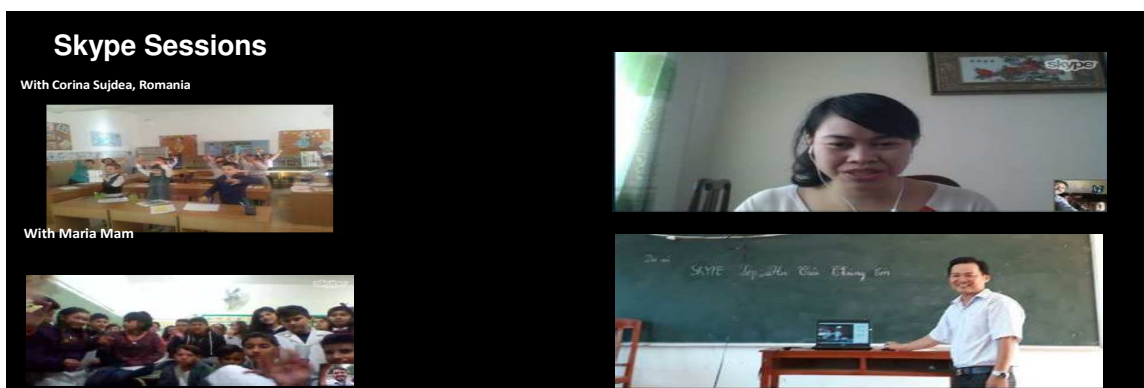
student's singing skills. These days there are karaoke mikes available in the market, they are so cheap too. And we can attach to the projector or television. It shows a scoreboard of singing. It corrects the singer too.

## Karaoke for singing and developing pronunciation



## Skype video calling with students from different nations -

On April 7, our first virtual trip via skype with a school in Romania (Europe). We shared innovative activity namely 'letter caps' with the first-grade students of Corina Sujdia. Then Roshan Kumar and his students from Sri Lanka, Naga Tran and his students from Vietnam, Rihna Haque from Bangladesh, Maria Madam and her students from Argentina, etc. Interacted with students from across the country. This innovative activity is helping our students to develop their skills in communication.



## Solar amplifier –

In rural areas there is a problem of load shedding, sometimes there is no electricity at the time of aeration. Later, the electricity board closed the meter due to delay in paying the electricity bill for one time. The rituals that aid the development of speech and leadership should be followed as usual. We need a mic and amplifier to reach the last child in the queue, to run it without electricity and to run a solar amplifier on a solar plate. Now we have no worries even though the lightning is gone at a time of crisis. Troubled by persistent power cuts that disrupted the school routine, created an indigenous solar-powered amplifier out of scrap. Now, load shedding does not bother us and the half-an-hour morning assembly at the school comprising value education, prayers and academic conduct for the day, goes on smoothly.

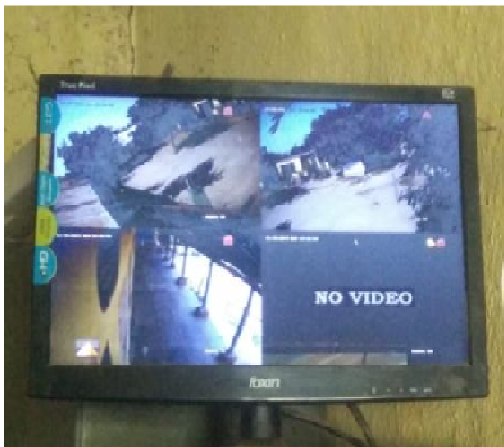
For most days of the week, electricity was a problem in the entire area. "So we have decided to use the solar kit which has solar panels of 6 watts. To address a group of 335 students during the most important part of the school, the morning assembly, power cuts increasingly created trouble for us. So we took up this challenge and decided to provide some solution. A scrap amplifier lying unused in the storeroom of



the school, the solar kit provided by the state education department for display in the science lab to explain concepts of solar energy and a 12-watt battery that could store solar energy were assembled and power supply for those 30 minutes was ready. “The entire cost of the material used was Rs.100”

### **CCTV –**

In the school premises, we had teachers prepare various educational materials. Our school has a teen leaflets. In front of the classrooms, there was a pillow with wooden pillars. The words were placed in it. During the holidays, children used to read lots of these words. After the school leaves, some children in the village throw away all those baskets and throw them away. We were offended but did not lose it. A few days later, the home theater speaker we were using for the tape broke and smashed the classroom windows. Often, attempts were made to lock the office, school nutrition stores, classrooms with TVs, school entrance gates, and even the water tank. Tired of all this trouble, we also sang to the well-known villagers of the village and Mahanedar Saheb, often speaking to an innocent person. So we all know Ma. At the request of the Hon. Gramsevak, CCTV is now installed in the school. Since the installation of CCTV, all the nuisance has stopped.



### **Youtube channel creation –**

Various videos of the school activities have been featured on youtube. All these videos have been uploaded to the Kishor Bhagwat's youtube channel. The channel has more than 100 educational videos today, and all these videos have got 3,06,995 views today.

## Basic Reading Competency Development Programme –

This program eliminates the fear of schooling for children. Various action songs attracted the students towards the school. With this initiative, it was realized that the subject of language can also be taken with the demonstration. Not only do children enjoy happiness through their actions, but the knowledge gained through action lasts forever. This program led to the learning of underprivileged children, slow learners.

We've developed "SWAR KHIDAKI" for Marathi letter for students of first standard as well as students who remained backward in basic reading. We made groups of students, made pairs of bright and slow learning students.

Grouping





## **Mathematics –**

Students who find difficult to learn mathematics. This tutorial showed us how to learn mathematics easily and it is also easier to teach. A math box has also been made available to the school.

## **Value-added training –**

The MULYAVARDHAN syllabus/program created by the Shantilal Mutha Foundation, Pune and SCERT, Pune has made it possible for children to learn how to teach in a stress-free and enjoyable way. Various action plays and songs made learning with enjoyment. Various opportunities are provided to the children to learn the different values given in the Constitution of India. HONESTY BOX has been created by the school to provide honesty to the students. Students themselves are asked to make rules for themselves. It makes them stress-free that no one is burdening them.

## **Cultural Events –**

Like this every year, the school has organized a conclave. All the small villages in the village come to see the culture. On this occasion, the school teachers welcome School Management Committee Chairman Shri. Raju Haque and Vice President. This was done by Shubham Fundkar and members. The Sarpanch of the village of Hiwarkhed, for providing funds from the 6th Finance Commission for the repair and updating of the school. Shri Ram Dhandre and Gramsevak Shri. Deepak Pawar Saheb was also honored. The villagers praised the students by offering various prizes for dance, acting, and singing.





## Morning Round on National Days –



About Rs. 1 lakh for the repair of classrooms, Rs. 1 lakh for paver blocks and Rs. 1 lakh for purchase of digital materials - Rs. Half the work of repairing the rooms and paver block installation have been completed and half the work was still pending. Tin sheets were virtually perforated in all the classrooms, the letters were filtered.



## Kitchen Garden –

We have developed a kitchen garden on the premises of our school on drip irrigation. It provides our students with vegetables needed in mid-day meals. It's nurtured by our MDM worker.



### Attendance Flag –

The class which has the highest attendance ratio in the morning assembly gets attendance Flag. That increased our attendance and create unity among the students in every class.

Here is a video link how we execute this innovative activity -

<https://youtu.be/ydD4Dsamos8>



### Honesty Box –

The students put the things they found on school premises. We return it to the student who lost it. The initiative grew honesty in our students.





## **Innovative Science Lab:-**



**Innovative Activities Drafted by – Kishor Bhagwat (Assistant Teacher)**

**Thanks**