

**YUVA**  
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## Smart Class Overview:

With the help of Deep Industries, a new education methodology called Blended Interactive Learning for the primary education in districts of Gujarat which focuses on Holistic Development of students within school environment. This product called the “Smart Class” is developed as per government guidelines and curriculum (Textbooks and Teacher’s guide).

sLate (schoolsLENS Advanced Technology for Education), a part of the system is a curriculum-based teacher’s tool in order to make classroom teaching more and more effective. It uses highly interactive graphical education content delivered to the user via devices like mobile phones, tablets and computers on demand. Teacher can use to teach in schools and students can use it to learn at home.

The K-Class incorporates the following components:

- (i) Interactive K-Yan (Integrated Community Projector)
- (ii) Interactive Multimedia Content
- (iii) Virtual Science Experiments and Exploriments
- (iv) Capacity Building of Teachers

We have successfully installed K-Yan in **17** Government schools across Gujarat, and are working on **8** more schools. Every 5 K-Classes is taken care by 1 Fellow to ensure maximum benefit is being obtained.

## The Team:

| Name            | Designation               |
|-----------------|---------------------------|
| Malav Vyas      | Head Operations           |
| Namrata Vyas    | Smart Class Documentation |
| Parth Bhatt     | Fellow Smart Class        |
| Henry Vakhariya | Fellow Smart Class        |
| Ronak Patel     | Fellow Smart Class        |
| Sameer Dhobi    | Fellow Smart Class        |

## The Fellowship model: Roles and responsibilities of a Fellow

Five K-classes would be under one Fellow who will be performing the following responsibilities:

- Look after the proper functioning of all the K-classes.
- Regularly monitor on trainings by IL&FS to the School Teachers on how to be more efficient with the system.
- Take surveys to understand the progress of teaching in a K-Class.
- Set a time-table and supervise schools placed in, at least once every week.
- Ensure proper communication between all the stakeholders.
- Help document the impact in each school.
- Occasionally fill-in and conduct sessions for our children when the respective subject teachers are not available.

- Take sessions on the usage of internet through K-yan.

## The progress:

### 2.1 Number of schools K-Yan has been installed in:

| Sr. No | Name of School                  |
|--------|---------------------------------|
| 1      | Nava Koba Pay Center            |
| 2      | Sabarmati Jail Primary          |
| 3      | Bhathipura Primary              |
| 4      | Nava Naroda Gujarati Shala      |
| 5      | Iyava Primary school            |
| 6      | Vasana Maragiya Primary School  |
| 7      | Bidaj Primary School            |
| 8      | Mahij Kumar Primary School      |
| 9      | Mahij Kanya Primary School      |
| 10     | Mahmadpura Primary School       |
| 11     | Uvarsad Kanya Primary School    |
| 12     | Ambali Primary School           |
| 13     | Ambajipura Primary School       |
| 14     | Khatraj primary school          |
| 15     | Lilanagar Primary school no. 2  |
| 16     | D-cabin Gujarati prathmik shala |
| 17     | Nirnaynagar primary school      |
| 18     | Motera Kumar Shala              |
| 19     | Motera Kanya Shala              |
| 20     | Bopal Primary School            |
| 21     | Vasajeda Primary School         |
| 22     | Ghuma Primary School            |
| 23     | Chekla Primary School           |
| 24     | Aslali Primary School           |
| 25     | Kajipura Primary School         |

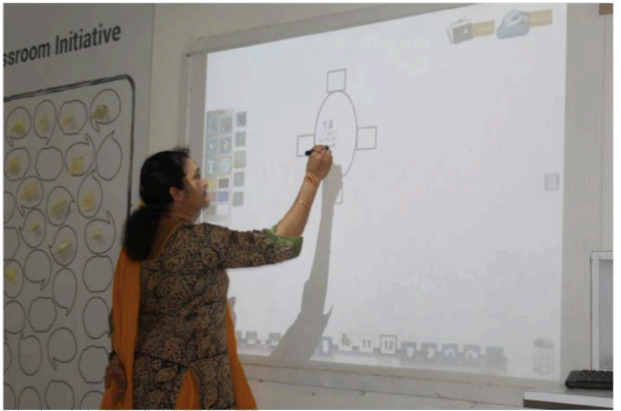
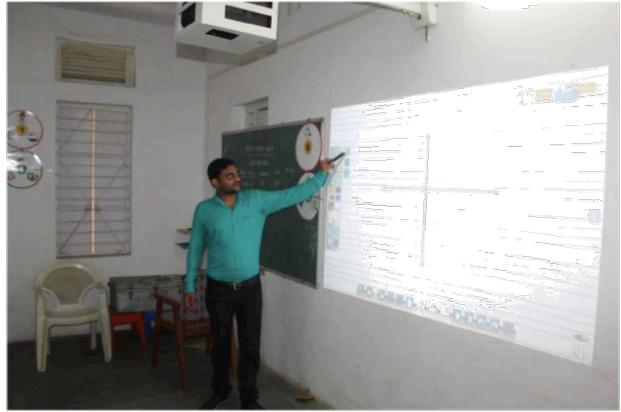
### 2.2 Training for Yuva Unstoppable:

It is very important to train the core team that is looking after the proper usage of the Smart Class. For the same purpose, there were 6 training sessions conducted by the team IL&FS.



### **2.3 Training for Teachers and Principals:**

There have been 40 total training sessions for all the school Teachers and Principals where the K-yan has been installed.



“The training sessions we’ve been getting for the Smart Class are very informative and useful. We are glad we are getting this help from IL&FS, Deep Industries and Yuva Unstoppable to improve our teaching methodologies. In my opinion these sessions will be useful for my school teachers as well as children. Very good help.”

**- Bhavesh Bhai Patel**  
**Principal, Mahij Kumar Shala**

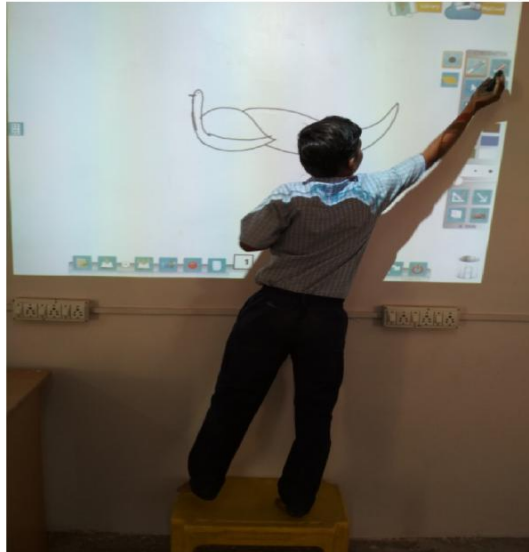
“It is true that with technology in the classrooms, learning becomes easier and more fun for both teachers and students. Our second Smart Class training was held in Chandlodiya Prathmik Shala and like the previous one, it was a very good session. Getting this facility is an achievement and we want to thank Yuva Unstoppable and Deep Industries for it.

Keep up the good work!”

**- Rajesh Panara**  
**Principal, Nirnaynagar Primary School**

## 2.4 Classroom sessions

Our children have been enjoying using the Smart Class too.



“I love the audio-visual facilities in the classroom. They are fun. For this, I want to thank my Principal, Yuva Unstoppable and Deep Industries.”

**- Thakor Anisha Jayeshbhai  
Standard 8, Nava Koba Pay Centre**

## 2.5 Impact of using K-yan:

For an education and technology company like IL&FS Education, it is important that our products and services are outcome based and also impact the users in a long-term manner. It is our mission to contribute towards the improved quality of education in India. For this, K-CLASS and its features are designed such that even those out of the education system are given access to quality education. The K-YAN impacts both the – teacher and learner – by ensuring that the teaching and learning outcomes are holistic and create a favorable system for education

**(a) Impact on the Teachers** : The use of Interactive Teaching-Learning Solutions have resulted in the following impact on the Teachers:

- Interactive graphical animated content to explain concepts of all subjects
- Lesson planning, lesson summary, extra reading for guidance and knowledge
- Worksheets and their answer sheets, MCQ question paper generation tool with answer key, model FA and SA question papers and their answer sheets

**(b) Impact on the Learners:** The Learners as part of such projects have been the largest beneficiary. Some of the key impacts are as follows:

- Interactive graphical animated content for better understanding
- Interesting and joyful learning
- Self-evaluation system for FA and SA exams with education games
- VAK (Visual, Auditory and Kinesthetic) learning style students covered in the one solution.
- It should enhance and enrich the learning process of every child. Today's students are growing up with technologies like computer, mobile phone, internet, etc. It is school's responsibility to teach them the correct usage of these technologies as part of the learning process.
- It includes a lot of animation, video & audio clips, questionnaires, games, puzzles, activities, etc. which helps students build their skills.

**(c) Impact on the Management:**

- Separate logins and user access management for Admin, Principal, Teacher, Subject Teacher, Students and Parents.
- Monitor day wise usage, analysis, datasheet, day to day update
- Three layers progress will see at a time 1. Lesson wise 2. Subject wise, 3. Standard wise

## **2.6 Note from a teacher:**



“We are grateful to Yuva for helping us make smart classrooms in our school, which is the very first step towards making India digital. The methods of teaching that is through smart board, helps to create a very interactive and fun learning experience. The most essential part is that the time spent on drawings and charts for explanation is no longer wasted. The issue regarding the chalk dust affecting not only the students but the teachers as well has been solved. After each lesson, the practice paper/Question banks have been very helpful to the students for revision.

I would like to thank the Principal, Yuva Unstoppable, Deep industries and Koba gram panchayat for giving us a golden opportunity to make our students bright.”

**- Dimpal Patel**  
**Teacher, Nava Koba Centre School**

THANK YOU FOR SUPPORTING US



*Power has only one duty  
to secure the social welfare  
of the People.*

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