



## G.D. GOENKA PUBLIC SCHOOL, SARITA VIHAR

**THEME:** OVERCOMING THE COVID-19 CHALLENGE AND BEYOND

**REPORT:** Online session with Principal and HOS

**DATE:** Friday, June 05 and Saturday June 06, 2020

**CONDUCTED BY:** Ashoka University

**ATTENDED BY:** Principal, Ms. Seema Sahay, Rachna Trehan

### EVENT REPORT

The aim of the conference was to focus on the important issues brought to the fore by the current situation and evolve solutions to improve the entire gamut of K12 education in India. The takeaways from this conference were a thorough understanding of the current education crisis, scope of digital learning and solutions to plan an effective online classroom. It was a 2 day event with multiple sessions that focused on a range of topics delivered by eminent industry experts from the field of Education- School Leaders, EdTech organizations, Policy makers and Counselors.

#### SESSION 1- Topic: COVID-19: Responses and Preparation – School Education

Ms. Anita Karwal gave the details that how CBSE has prepared itself for providing quality education to the students all across India. Their preparedness was done in terms of-

1. Ensuring overall healthy well-being of students, teachers and all the stake holders
  - Ensuring **mental**, social & physical **well-being**.
  - **Continuity** of Effective learning process.
  - **Access to e-learning**- digitalization.
  - Reimagining and shaping **quality digital education**.
  - **Teacher capability plan**.
  - Post Lockdown preparations- **guidelines for reopening, curriculum transaction**.
2. **Manodarpan App**- Includes- websites, toll free helplines, national directory of counselors, interactive chat platforms. It also includes post lockdown actions, teachers sensitization, safety measures, tracking health of students.
3. **Continuing Learning effectively**- Content creation, access through various digital devices and academic calendars.
  - Upscaling skills of teachers to use e-learning content.
  - Enable 'anytime & anywhere access'
  - Provide textbooks to students at home
  - Week wise plan for classes I to XII is developed.
  - Interesting activities are incorporated
  - Learning outcomes mapped with themes.
  - Links for e-resources are provided for students and teachers.

Under the PM e VIDYA unification of e-efforts CBSE has launched the following:

1. **DIKSHA App-** is a unified digital platform. It is a very powerful tool that provides-
  - Storehouse of e-books and e-resources.
  - QR coded energized textbooks
  - DIKSHA portal & mobile App
  - *Vidyadaan-* interface on DIKSHA for contribution of e- learning resources by educational bodies and private experts.
  
2. **SWAYAM PRABHA DTH Channels-** to reach out students who do not have internet access and live in remote areas.
  - Online MOOC courses on the *SWAYAM PRABHA* portal.
  - Students can access all the course modules.
  
3. **On Air- Synchronous and Asynchronous** - Activity based program for students living in the remote areas via radio.
  - **Podcast** – *Shikha Vani* for classes 9 to 12 (all subjects-CBSE)
  
4. **E- Learning for differently abled students-**
  - **DTH** Channels for hearing impaired in sign language.
  - **DAISY-** Study material developed in Digitally Accessible Information System in sign language.
5. **E- Pathshala** – We portal and mobile App
  - More than 600 digital books including 377 e-textbooks ( I-XII)
  
6. **NROER (National Repository of Open Educational Resources)**
  - About 17,500 e-content of NCERT
  - Contents available on official You Tube channel of NCERT.
  
7. **National Test Abhyas & IIPAL- Online Coaching**
  - IIPAL provides a series of lectures prepared by IIT professors for JEE.
  - E- Abhyaas is a personalised adaptive learning platform for students taking competitive exams-JEE & NEET conducted by national Testing Agency.

Knowing that online teaching learning is now going to be a long term process, CBSE has adopted '**Learning with Equity**' strategy.

- **Multi-mode and integrated access** to education using web portals, mobile apps, podcasts etc.
- **Integration of education** system along with **cyber security**.
- Developing **digital classrooms**.
- Inclusion of **virtual vocational training, virtual labs and skill development courses**
- Developing **framework for enhancing learning** within and outside the classroom
- Framing of **online/digital education guidelines**

## 8. **During and post lockdown strategy**

- **Safe school operation-** Guidelines for sanitation, quarantine, social distancing norms to be followed are to be prepared.
- **Online/ digital education-** guidelines for 4W1H of online/digital education are being prepared
- **Cyber security and manual released**

## **SESSION 2 – JOHN KIN**

TOPIC: SUCCESSFUL REOPENING OF SCHOOLS AND BEYOND

5 Key challenges to reopening schools successfully

1. **Public health challenge:** it is a public health challenge. A lot of information regarding its transmission, spread, manifestation, treatment and cure is to be learned
2. **Lack of agreement:** lack of agreement as to the appropriate response due to lack of precedent and constantly evolving medical knowledge
3. **Lack of time:** need to develop rigorous, well considered plans for reopening schools in a very short period of time.
4. **Scrutinized decisions:** Plans for the fall will need to be validated. Plans will be scrutinized by experts and community members.
5. **Shifting circumstances:** possibility of resurgence of cases or waves of resurges. Full or spot closures of schools may be necessary.

## **TRADITIONAL V/S AGILE APPROACH**

- He emphasized on using the agile approach rather than the traditional approach of teaching and learning.
- Invent, validate, monitor and modify plans for reopening schools as there is no widely accepted framework or approach
- Scenario learning should be based on remote learning techniques, significant changes, alternative schedules, modified capacity and hybrid approach to teaching learning

## **5 KEY FUTURE IMPLICATIONS**

1. Restarting schools will encourage experimentation
2. Remote and hybrid learning can increase personalization
3. Teachers role will change
4. Parents will become even better consumers of education
5. Changes to how we measure performance will disrupt higher education

## **SESSION 3 - A TRANSITION TO REMOTE : MANAGING THE PRESENT AND IMAGINING THE FUTURE**

**SPEAKER: PRITHWIRAJ CHOUDHARY (ASSOCIATE PROF. HARVARD BUSINESS SCHOOL)**

- Mr. Choudhary spoke about imagining the future of remote learning.
- Work from anywhere vis a vis work from home leads to geographical flexibility and real estate savings.
- It leads to increase in productivity and decrease in cost of living for workers.

- Shared GitLab case study and all remote model case study reflected that they followed work from home day one which led to expansion of work in a vertical and horizontal manner spreading across many cities and countries.

## **SESSION 4 - TRANSITION TO VIRTUAL LEARNING CHALLENGES, EXEMPLARS & OPPORTUNITIES – PANEL DISCUSSION**

### **SPEAKER 1 - MR. SHREEVATS JAIPURIA (VICE CHAIRPERSON MR. JAIPURIA SCHOOLS)**

- He explained how he has empowered their Teachers in various Jaipuria schools.
- He adopted the front line following methods for the same
  1. Did not copy the metro city, synchronous model
  2. Empowered teachers to figure out optimal medium of instruction for their class using WhatsApp for recorded videos, doubt clearance and sending question papers and assignments.
  3. Audio recording and phone calls for students without smart phones
  4. Slowly and partially shifted to synchronous as necessary
- Teacher training and empowerment
  1. Motivating teachers as front line warriors in Covid 19 response.
  2. Training of Teachers on technology and online pedagogy
  3. Providing SOP's across technology mediums
  4. Curriculum and calendar planning support
  5. Conducting sample classes by HO and gave feedback to the teachers
- Parents as partners
  1. One device in family- borrow devices from Neighbours, asynchronous Videos
  2. Assessments – parents as invigilators, integrity for students and parents
  3. Active partners in child’s learning – 87 percent parents observe the classes.
- Opportunities for the future
  1. Lessons in integrity and self-discipline
  2. Teacher training and class Observations
  3. Schools will never close only buildings will

### **SPEAKER 2 – MR. VISHNU KARTIK (HERITAGE XPERIENTIAL LEARNING SCHOOLS)**

#### **MAKING VIRTUAL LEARNING WORK**

**SOCIO EMOTIONAL CURRICULUM** Recording

**ROOTING SEL IN STANDARDS & LEARNING TARGETS**

HERITAGE XPERIENTIAL LEARNING SCHOOLS

SEL\_3.7j - I can inquire into the underlying feelings behind someone else's perspective.

SEL\_3.7e - I can practice attentive listening that is kind and compassionate when someone is sharing through appropriate tone, body language, and words.

SEL\_3.7c - I can recognize someone's emotions through their body language and nonverbal cues and ask about them.

SEL\_3.7 - I demonstrate an ability to imagine the feelings of others and respond constructively to another's emotions.

Diagram: Concentric circles representing program levels: CHILD, JUNIOR PROGRAM, MIDDLE PROGRAM, SENIOR PROGRAM.

Mr. Vishnu Kartik emphasized on the insights that heritage experiential schools have followed during this time of covid-19.

1. Primacy of relationships- primary purpose of online learning is to nurture relationships. The curriculum prepared should focus on social emotional needs. Hence the program was bifurcated into junior middle and senior.
2. Online videos is not virtual learning- playlist should focus and lead to student Led learning. Online learning should be checked for learning targets knowledge skills extended learning and learning outcomes. Student work should be checked by the teachers and a feedback should be provided.
3. Focus on basics: re proposed curriculum and instruction leadership practices- teachers were trained on the management of the active classroom and becoming precise, aligned and sophisticated in school wide classroom management. Various pedagogical practices like consulting collaboration and coaching thought to self manage a classroom.

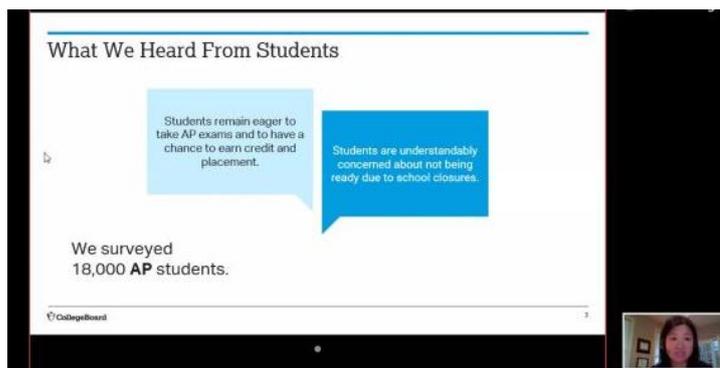
**SPEAKER 3 – Pamela Srivastava (Vidya Gyan School)**

### **Providing teacher training an Online education/ assessments to schools in remote areas**

As Vidya gyan School targets that students in villages teachers for a specially trained how to deal with day to day scenario in technology challenges. The medium of study for most of the students in villages was smartphones, hence the strategy of online classroom teaching was prepared accordingly.

1. Focus verse kept on having small classrooms.
2. Random attendance was taken in the beginning and end of the classroom.
3. Syllabus completion was not targeted rather understanding of concepts was the key focus area.
4. Use of local platforms for local learning.
5. Make online teaching and learning interesting and engaging.
6. Creating offline study material.
7. Keeping social economic issues of the families in mind.
8. Taking parents as partners and going step by step.
9. Keeping rural problems in mind and developing the entire curriculum accordingly.
10. Teacher training work done extensively e so that best results can be achieved.

**SPEAKER 4 – Linda Lu (Vice President, International-Collegeboard)**



The slide is titled "What We Heard From Students" and features two speech bubbles. The first bubble says, "Students remain eager to take AP exams and to have a chance to earn credit and placement." The second bubble says, "Students are understandably concerned about not being ready due to school closures." Below the bubbles, it states, "We surveyed 18,000 AP students." The slide also includes the CollegeBoard logo and a small video feed of a woman in the bottom right corner.

**Advance placements during Covid-19**

Offers SAT and Advanced Placement programs- university level courses for students of grades 11 and 12. AP classes are optional free and they are available on demand on YouTube, real AP lessons by master AP Teachers are hosted on YouTube. Supplement or standalone lessons focus on review of first 75% of the course supplementary lessons covering the final 25% course.

Key considerations of At-Home Exams are-

1. Accessibility to all the students
2. Security -maintaining integrity at home
3. Acceptance- of course with other colleges and universities.

Results

1. AP live classes reviewed 33 million times by 5.2 2 million unique viewers.
2. 93% of exams was successfully started.
3. Less than 1% of students had technical challenges with submitting their responses.
4. Students overwhelmingly appreciated the opportunity to test and have the opportunity to earn AP prudential this year.

**Day & Date: Saturday, 6 June 2020**

**TRACK: 1 (9:30 am- 1:15 pm)**

**Speaker 1: Salman Khan, Founder & CEO of Khan Academy**



Mr Salman Khan was the keynote speaker. He spoke about his journey of becoming the CEO of the Khan Academy by starting online tutoring for mathematics. When he realized the students he was teaching scored high marks in the subject he thought of developing online content to help the masses. He wanted to provide a platform where in the teachers' skills are improved, resources for teachers are available, high quality content to refer for the subject is available and easy to learn and utilize, content is there. Today he has more than hundred million registered users and offers a variety of webinars and training plans for parents, teachers and students. He believes in the fact that motivation, incentive and learning are not bound by time and space, hence he developed this personalized learning app to fill in the gaps of teaching and learning. He also emphasized on the fact the future of assessment should be a continuous process and you if you

ever feel left behind, you can and still work on it. Teachers should be passionate about the work and not try to be perfect every time the need to do simulation and look at efficacy results.

## **Session 1**

### **Topic: Rethinking the role of Educators- Delivering an Online Class**

**Speaker 1- Mansoor Ali Khan** from DPS Trust- Mr Ali spoke about the importance of online teaching we need to force say that online teaching will be now treated as a hybrid model. Teachers can be available anywhere and everywhere. The power of online teaching has unfolded and can even run in a rural sector. The need of the hour is to maximize teacher capability and minimise the learning gaps.

**Speaker 2- Pramod Tripathi** from Global International School Singapore

Mr Tripathi emphasised on what will be the situation 6 months from now. He said that the teacher community has learnt the skills in a very short period of time. They are now ready to teach a larger community. This blended learning module will continue and the teaching tools will be used in a mega way bringing a change in the pedagogy and uplifting the standards of education.

**Speaker 3- Jonali Das** from Modern English School Guwahati. Mis generally discussed about the challenges that are faced in tier 2 cities. The path that she visualises 6 months from now is that the teachers have explored a lot of learning content and they can teach under any circumstances. But the students especially nursery to class 5 are suffering as their condition to get a lot of love and respect emotional touch from the teachers and meeting their friends which is not happening now due to the lock down. This situation is creating learning gaps and no student engagement hence the learning curve is going down.

**Speaker 4- Neha Khanna** - Math teacher in Varanasi.

She gave a very motivational speech by discussing how the teachers maintain a balance between the personal and professional work life. To be a successful teacher you need to be e very well

organized pre-planned, use time management strategies, select the right resources and prioritize things a teacher needs to plan well be resourceful and work towards it with skills she needs to have a mind set to find solutions and executed well.

All the speakers finally concluded that new competencies are expected from the teachers.

1. A teacher should know how to create online teaching material
2. She should record edit the videos and teach in accordance with the technology available.
3. She should curate the already available material
4. Teachers should be trained and hand- holded well by the school authorities and the management.
5. Parents should be a partner in the education process
6. The new normal has provided a lot of opportunities for all the teachers. They need to make the most of it.

## **Session 2**

Keynote Speaker: Nandan Niketan- Founder, Infosys, Ekstep Foundation

Topic: The Resilient School- Education excellence in a seismic area.



Mr. Nandan emphasised on the fact that we all were not prepared for this disruption and our traditional reflexes were paralyzed. Beginning with the new reality we have to revisit the basics, analyze the constraints and design new choices as textbooks are not the only medium of education. Resilient systems will retain function under continuous turbulence, hence we have to reimagine our schools to function effectively while co-existing with COVID-19. To ensure this, we need to

- a. Ensure continuity of learning, assure quality of learning and enable inclusivity of learning.
- b. Virtualize space, liberate access from proximity and extend the physical with digital.
- c. Virtualize time. Open access-anytime and every time, synchronous and asynchronous interactions, continuity of learning across digital barriers.
- d. Virtualize assets & access everything, all the teachers to create, share and learn.
- e. Amplify learning with technology and not just digitize.
- f. Ensure equality and quality of learning.
- g. Don't build again but build beyond- use DIKSHA and VIDYADAAN portals for effective teaching learning materials and trainings.

### Session 3

Topic: Diksha Platform for School Education

Speaker: Dr. Jyoti Gupta, Mr. Vijay Kiran Anand and Mr. Saurabh Chopra

UP will strive to be the frontrunner in MHRD launched initiatives

May 18, 2020, 5:10PM

One nation, One Digital Platform and One Class, One Channel will ensure reach of quality education to farthest corners of country: HRD Minister

Union Minister for Human Resources and Development Ramesh Pokhriyal Nishank has said that One nation, One Digital Platform and One Class, One Channel will ensure reach of quality education to farthest corners of the country.

He said, the initiatives will boost the access and equity in education and improve the gross enrolment ratio in the times to come. Mr Nishank said, Finance Minister Nirmala Sitharaman had announced several initiatives to boost education sector in New Delhi on Sunday.

He said, investing in the human capital is equivalent to an investment in productivity and prosperity of the nation. The present pandemic situation has presented new challenges and several opportunities for the education system.

The Minister also said, comprehensive initiative called PM e-VIDYA will be launched which unifies all efforts related to digital education. This will enable multi-mode access to education and includes DIKSHA (One nation, One Digital Platform) which will now become the nation's digital infrastructure for providing quality e-content in school education for all the states and union territories. He said, government is expanding e-learning in higher education by liberalizing open, distance and online education regulatory framework. Top 100 universities will start online courses.

A National Foundational Literacy and Numeracy Mission will be launched, for ensuring that every child in the country necessarily attains foundational literacy. This mission will cover the learning needs of nearly four crore children in the age group of 3 to 11 years.



This session focused on implementation and adoption of Diksha and Vidyaadaan across public and private schools as was also discussed by Ms. Anita Karwal on day 1.