

DIGITAL EDUCATION IN KENDRIYA VIDYALAYAS

CONNECTING WITH STUDENTS

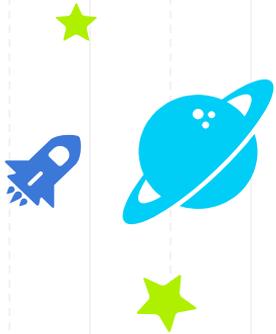
Mapping of Students to assess availability of Digital devices.

Resources like Alumni, CSR, NGOs tapped for providing devices to students.

ICT Facilities available in the school extended to students and teachers.

Timetable with limited screen time and staggered time slots prepared

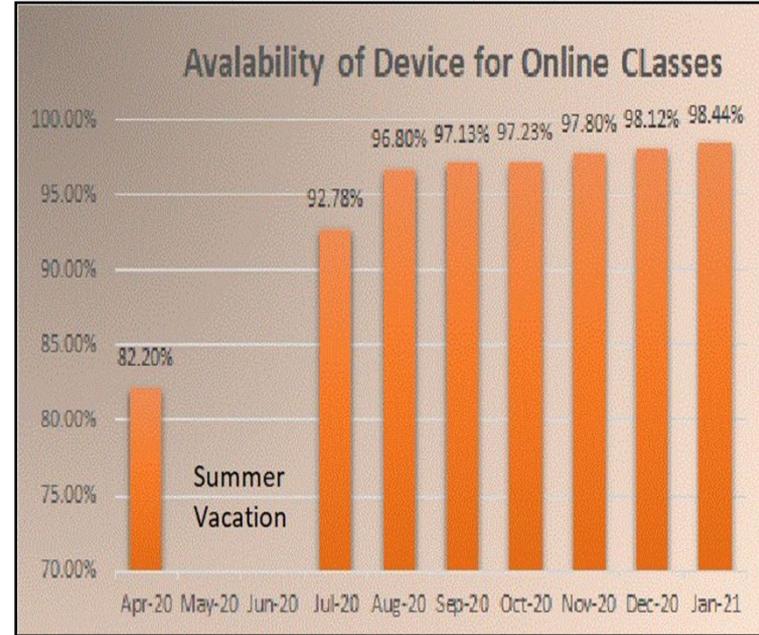
Planning for synchronous and asynchronous mode of academic transaction.



MITIGATING DIGITAL DIVIDE

Bringing Students with no device in par with his/her peers

- ✔ **Worksheets and Handouts** prepared in all subjects and delivered to the students **at their home.**
- ✔ **Community Teaching** maintaining Physical Distancing undertaken in some Kendriya Vidyalayas
- ✔ **Guided Peer Learning** for students staying in the same locality encouraged
- ✔ Use of **Asynchronous mode of transaction** such as: Free e- resources available on various DTH channels, like **SWAYAMPRABHYA.**



TEACHERS' TRAINING

To train the teachers in designing and use of e- resources for online teaching in classrooms and for subject enrichment

In-service training programmes

workshops

various certification programmes organised by
CBSE, NISHTHA, DIKSHA Portal and NCERT

Content Creation and Sharing-
VidyaDaan 2.0

DETAILS OF COURSES CONDUCTED FOR CAPACITY BUILDING OF TEACHERS

The five Zonal Institutes of Education and Training (ZIETs) and the 25 Regional Offices create the framework of teachers' training

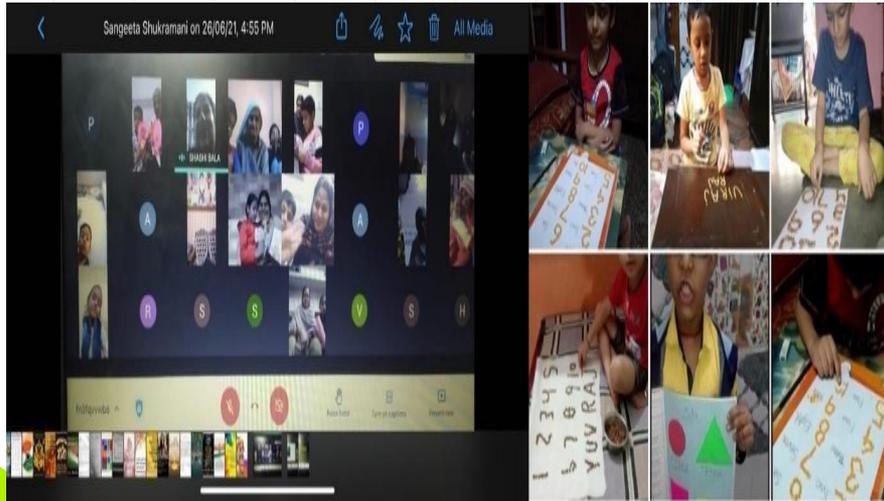
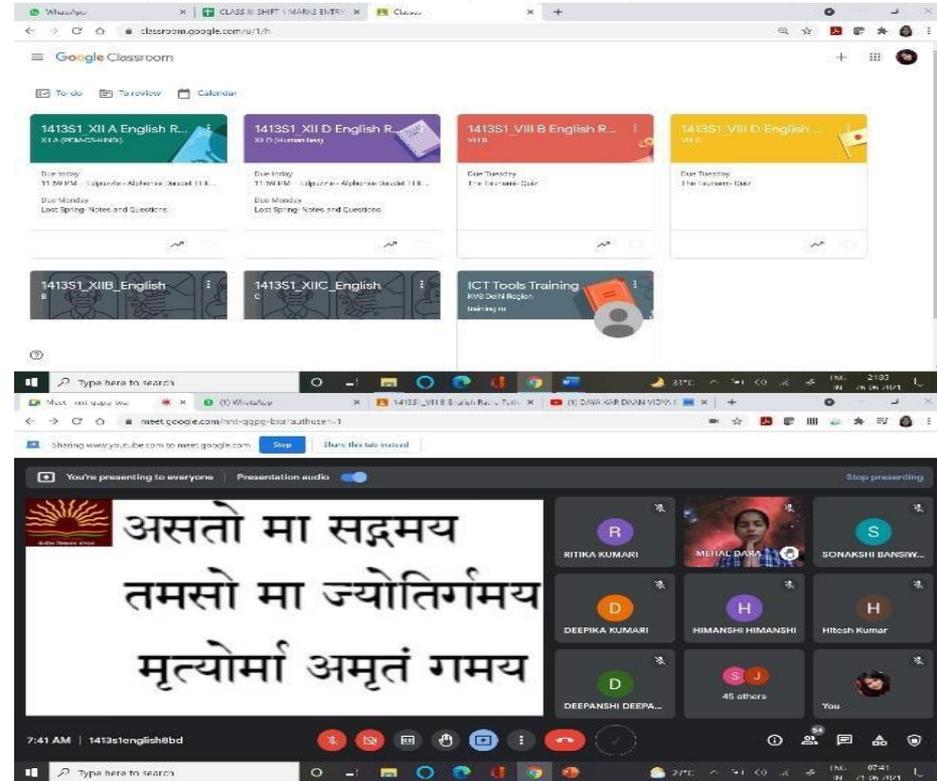
- Online Training of HMs & PRTs to orient and sensitize them for online handling of newly admitted class-1 students, also FLN and CBL trainings for PRTs
- G- Suite Classroom online training for teachers
- Faculty Development Programme on effective tools for online teaching & assessment
- Online course on designing e- resources
- Online training programmes like NISHTHA, DIKSHA

TEACHING LEARNING MATERIAL(TLM)

- Master card on concept -mapping have been designed.
- Subject wise and class wise content developed by ZIETs
- Puppets and toys as TLM specially in primary classes
- Nearly 600 Podcast and videos have been made for different subjects for all classes.
- Blogs have been prepared by various KVS Regions
- Apps for online learning have been developed by Jammu, Raipur, and Ernakulam Regions

ACADEMIC TRANSACTION

- Online Classes and Online PTM-using Google Meet
- Special Experience for Class I Students



ACADEMIC TRANSACTION

Honing Mathematical Skills and Scientific Temper

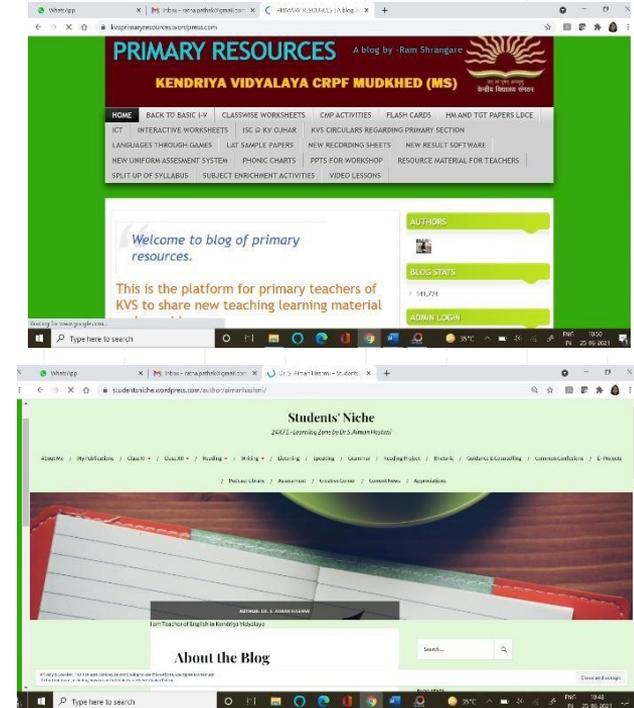
- Use of O Labs for virtual experiments
- Use of different apps for enhancing mathematical and scientific skills
- Virtual Science exhibition on 'promotion of toys as a tool for education' and **Toycathon**.
- Jigyasa in collaboration with CSIR
- Olympiads , JNNSME, NCSC etc.



ACADEMIC TRANSACTION

Online Reference Materials and Blogs by Teachers.

- Implementing CBSE Initiatives
- Use of DIKSHA Portal
- Practice Items & CCL Videos’.
- Television Channels- Swayam Prabha DTH, Doordarshan, Edu-sat are available for reference and self-study.
- Reading Challenge by CBSE



INNOVATIVE WAYS FOR ENGAGING STUDENTS

- **Use of Augmented Reality in Online Class-**The teachers in Jabalpur Region are using augmented reality to give a realistic experience to the students sitting at home.



- **Cable Connect-In** remote areas of Dehradun Region, KVs have taken help of the local administration and local cable TV network to telecast video lessons prepared by teachers.



INNOVATIVE WAYS FOR ENGAGING STUDENTS

● **Chaupal Concept-** The teachers in Jammu Region call small groups of students in the *chaupal* (open air community centres) of their localities and guide them.

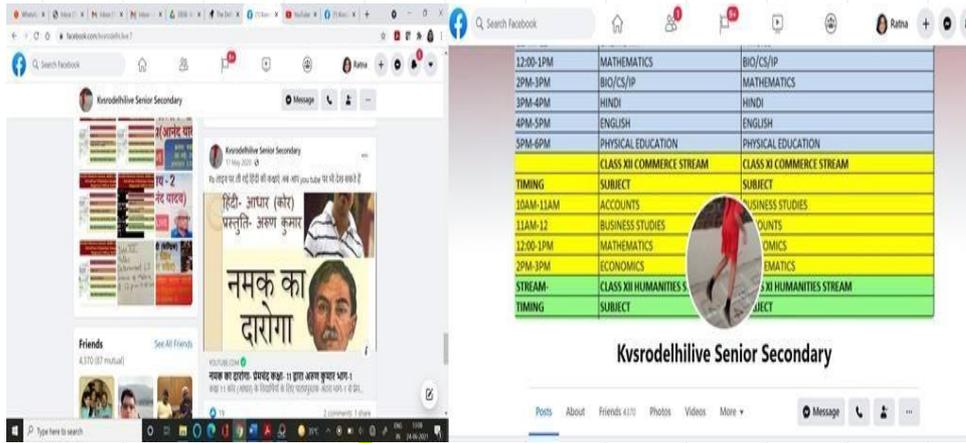


● **Laboratories at Home-** For the practical work, teachers guide the students to use the material available at home and perform practical experiments and investigatory projects.

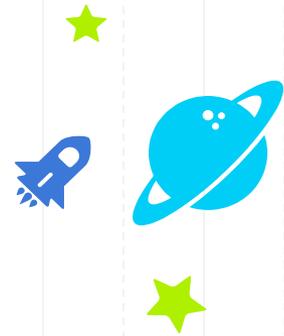


INNOVATIVE WAYS FOR ENGAGING STUDENTS

Online live classes on various Social Media platforms- Social media platforms like Facebook are being used to telecast live classes by distinguished teachers.

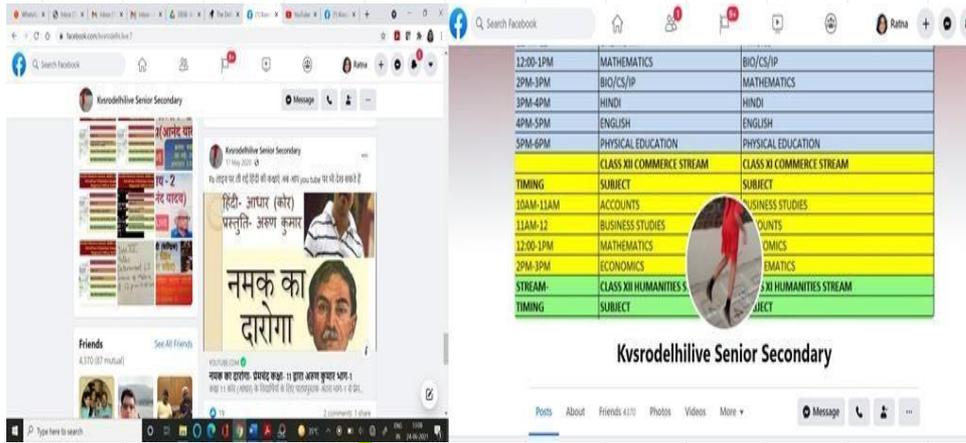


Connecting with Grandparents/ Elders through Folklores- Staying at home and no outdoor activities have been utilised for connecting students with the elders of their families.

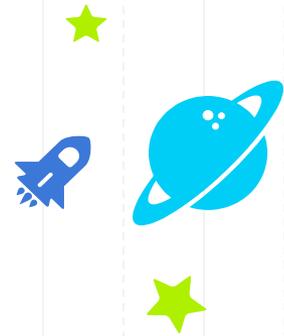


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MENTAL HEALTH AND GUIDANCE AND COUNSELLING

Each Vidyalaya has an **email dedicated for counselling** the students.

The **Manodarpan** helpline for counselling.

Awakened Citizen Programme in collaboration with Ramakrishna Mission.

Adolescent Education Programme is a part of daily transaction in online classes.

Counselling to Improve Family Bonds- To **ensure emotional support** and a healthy atmosphere at home.

Students participate in posters making and write slogans to spread **awareness about mental health.**



POSTERS MADE BY STUDENTS

PHYSICAL FITNESS AND YOGA

Yoga Week

Celebration of International Day of Yoga

Daily physical education activities

National Sports Day

Quiz based on Yoga

Fitness Week Celebration



Fit India School Week Celebration 2020



Online training of Women PE Teachers March 2021



Online Celebration of International Yoga Day May-June 2020.



Fit India Plog Run Aug 2020

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EATING RIGHT- HEALTHY EATING HABITS

Eating Right- Healthy Eating Habits

- community lunch through virtual mode,
- 'Eating Right Photography Challenge'
- essay writing and teacher talk are conducted on day-to-day basis making the students imbibe the virtue of 'eat fresh, eat local, seasonal, and nutritional'.



PROMOTING NATIONAL UNITY AND INTEGRITY USING DIGITAL PLATFORM

Online Activities Under Ek Bharat, Shreshth Bharat

- **Bhasha Sangam-** e-books have been prepared in the language of the partner state
- **Webinars and video conferencing** with partnering state/UT
- **Projects** on the culture, customs, dress, agriculture, climate and topography of the paired state/UT



SPICMACAY

Inspiring the young mind to imbibe the values of the great diverse heritage of India

Online workshops are being held regularly on tribal arts, classical dances forms, and music.

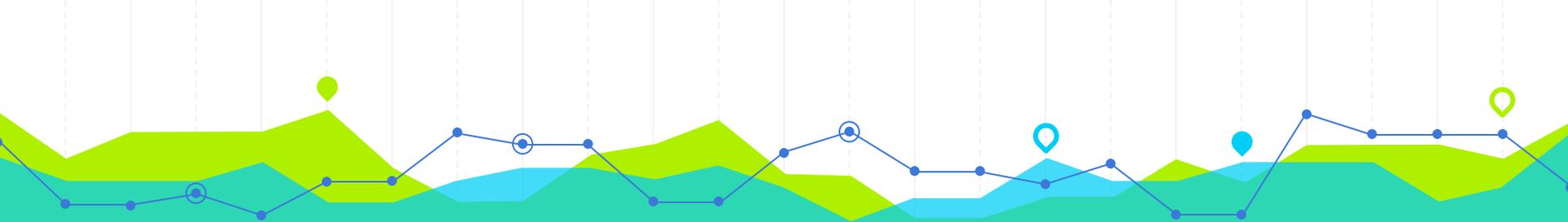


LIBRARY FACILITIES

KV Libraries have gone digital

- E-libraries of Various KVs and E-Granthalaya
- E-learning Resources
- Online Exercises/ Quizzes
- Updates and Alerts on Educational Programmes
- Book Talks and Book Reviews by Students
- Online issuing of Books





“Enjoying success requires the ability to adapt. Only by being open to change will you have a true opportunity to get the most from your talent.” – Nolan Ryan

THANK YOU