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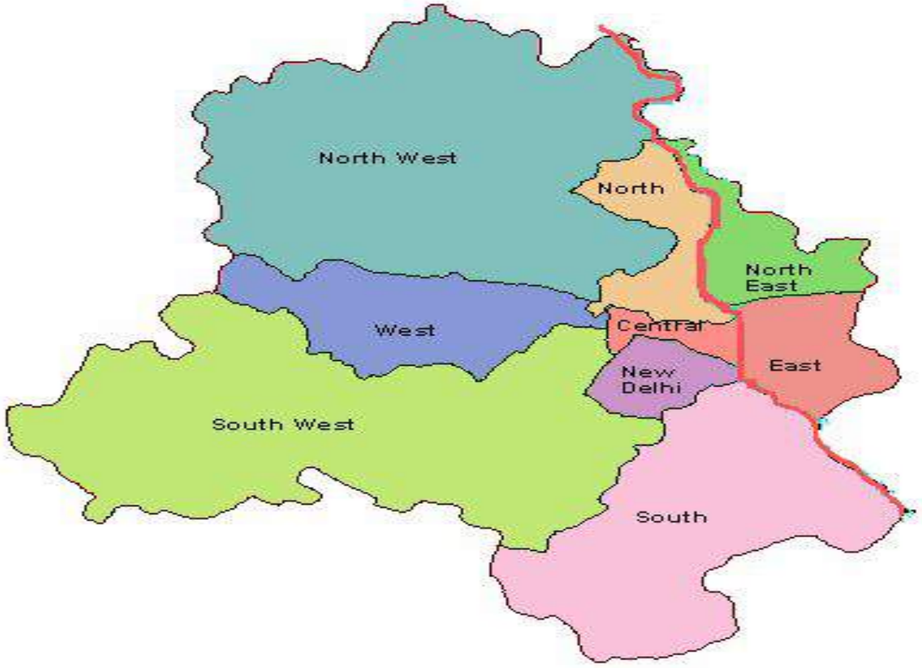
DIGITAL INITIATIVES in School Education



STATE COUNCIL OF EDUCATIONAL RESEARCH AND TRAINING
Varun Marg, defence colony, new delhi-110024

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SCERT AT A GLANCE

SCERT
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Established in May, 1988
(www.scert.delhi.gov.in)

As an autonomous organization under the GNCT Delhi in pursuance to the recommendation of NPE 1986

Having nine DIETs and one DRC functioning under SCERT

SCERT and DIETs are institutes set up to bring about quality improvement in School Education at Primary, Elementary, Secondary, Sr. Sec. Level

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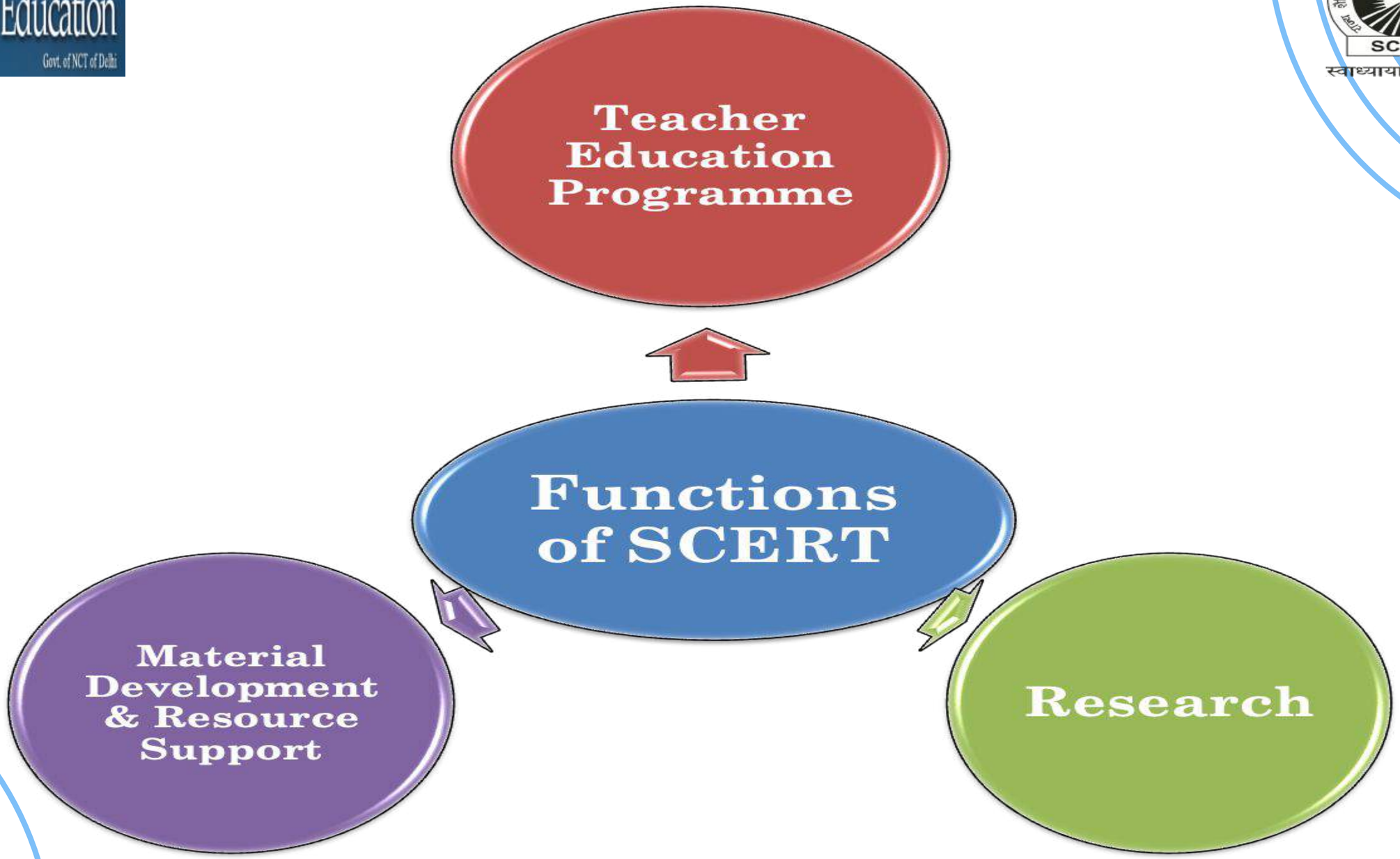

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Digital INITIATIVES

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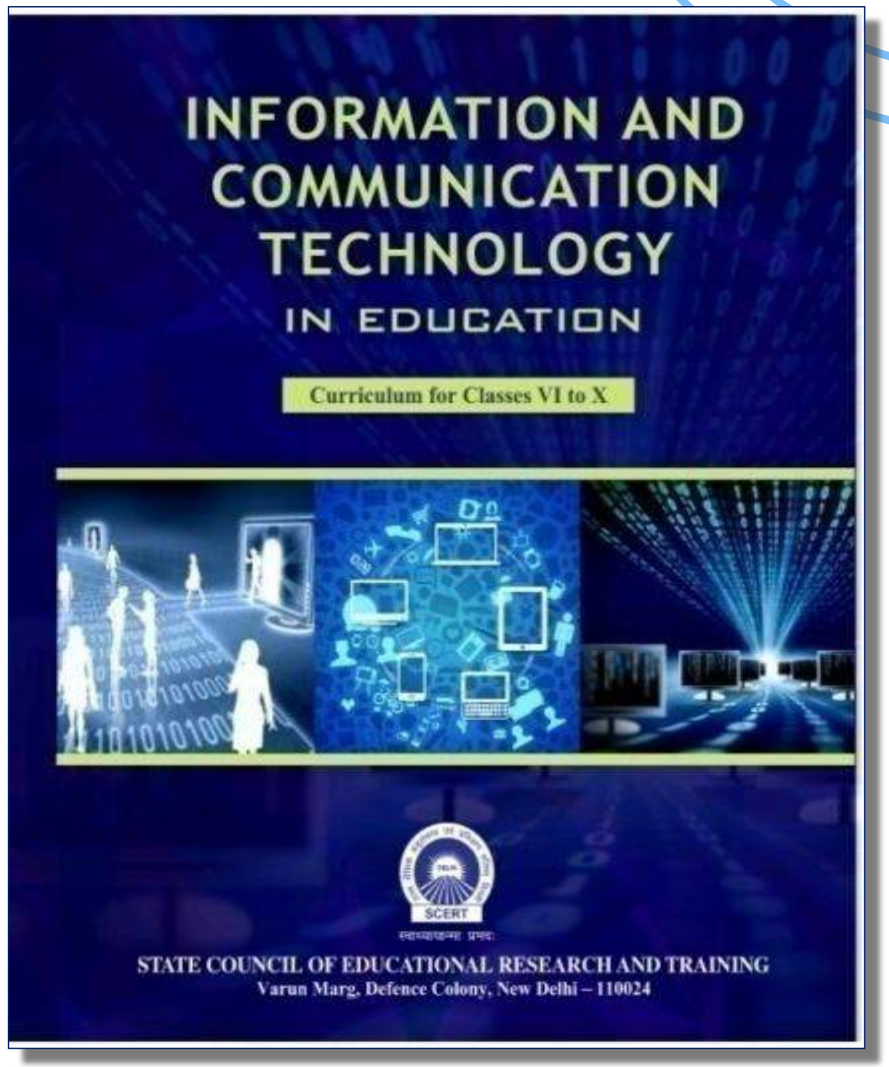
“ICT IN EDUCATION” Curriculum (Classes 6 TO 10)

Teaching - Learning is organized under these Thematic Areas

- Programming
- Graphics and animations/internet and ICT Environment
- Data Representation and Processing
- Audio Visual communication,
- Software application

Implemented in Directorate of Education schools from September, 2016



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"ICT in Education" Books & Teachers Manual for Classes 6 -10

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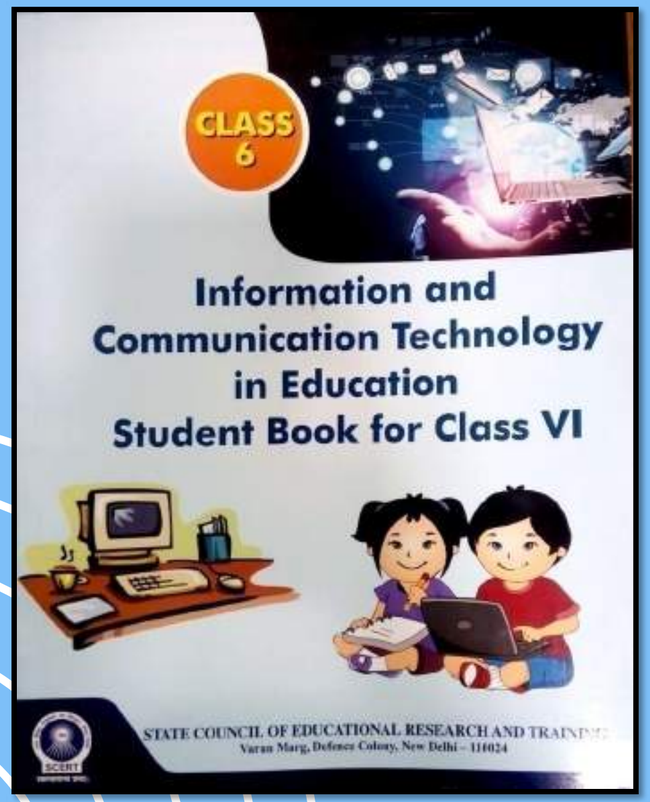
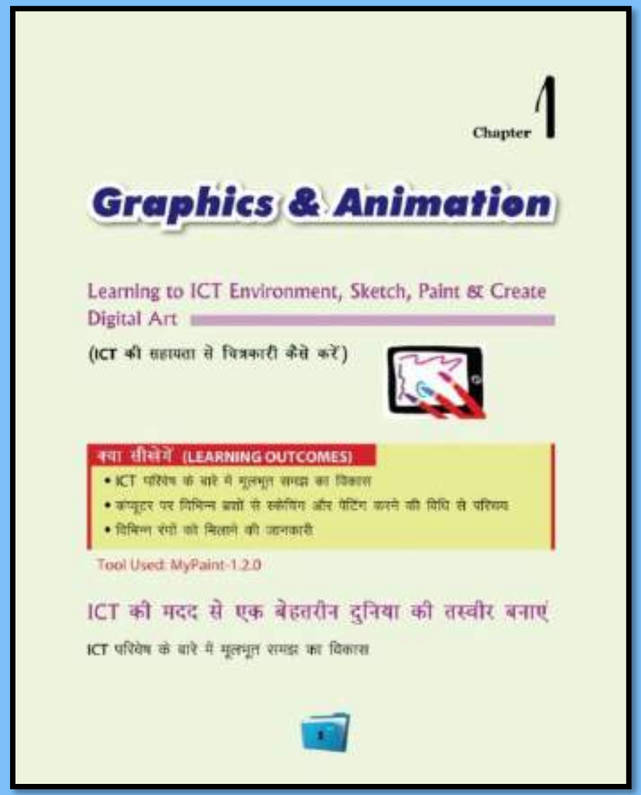
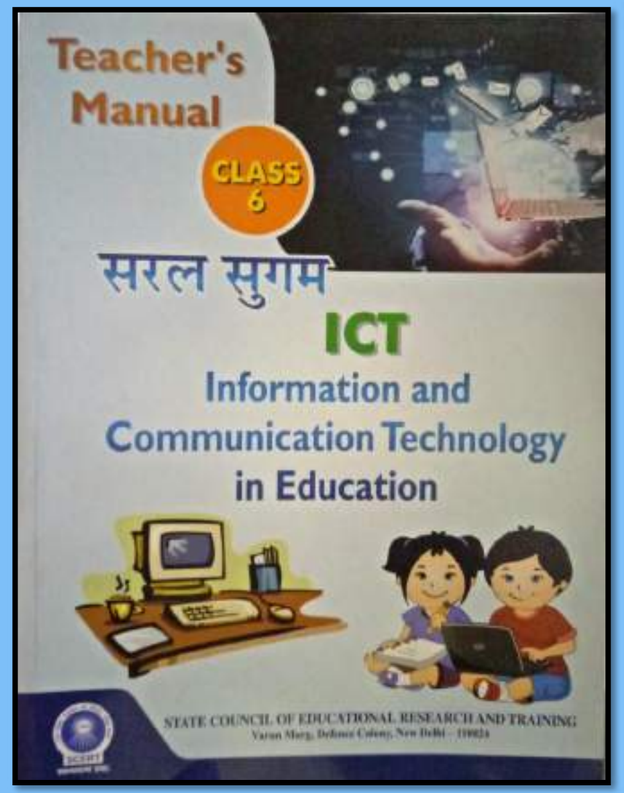
SCERT, Delhi developed the books for the students & teacher manuals for the teachers of class VI for "ICT in Education" for the effective teaching-learning process.







Writing Style is Narrative

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Animated eContent of “ICT in Education” for class 6th to 8th

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Guidelines of “ICT in Education” for Primary Classes

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COURSE COVERAGE

Class : Nursery/KG

S. No	Theme	Sub Theme	Title	Suggested Activities	Skills	ICT Skills	Intelligence	Suggested Software/Tool	Periods	Expected Learning Outcome
1	Wellness	Stay Fit and Healthy	My Body and Hygiene	Videos/Rhymes followed by discussion on: (A) Bathing, (B) Brushing (C) Washing hands before and after meal and going to washroom (D) My healthy food (E) Fitness exercises: -Eye and hand movement exercises.	-Self Awareness	Introduction to ICT environment	-Verbal - Linguistic -Musical	Multimedia Presentations (Video/Audio)	10	-Recognizing the importance of healthy habits
			Be Careful	Videos/Rhymes followed by discussion on importance of being careful: (A) Good and bad touch (B) At home (electrical gadgets, appliances, kitchen etc.) (C) On Staircase (D) While crossing the road (E) In the school (Classroom/computer lab/ playground etc.)	-Self Awareness -Critical Thinking -Decision Making	Introduction to ICT environment	-Verbal - Linguistic -Musical	Multimedia Presentations (Video/Audio)	12	- Recognise potential dangers that a child can come across in her/his daily activities. - Follow rules to keep safe
			Be Smart	Videos/Rhymes/Posters on : (A) Good manners (B) Being expressive.	-Self Awareness -Effective Communication	Introduction to ICT environment	-Verbal - Linguistic -Musical	Multimedia Presentations (Video/Audio)	14	- Ability to use magic words in a conversation.
2	Empowering Little hands	Blossom with stories	Be Attentive	Videos on Value Based Stories followed by a question answer session. (For eg. Panchatantra, Hitopadesha, Jataka Tales etc.)	-Effective Communication -Listening Skills	Introduction to ICT environment	-Verbal - Linguistic -Musical -Naturalist -Existential	Multimedia Presentations (Video/Audio)	05	- Nurture Listening Skills -Ability to comprehend and respond with respect to the story
		Groove with Rhymes	Enjoy Learning	Rhymes(hindi or english) -sing along -recite -sing in group with clapping and actions.	-Interpersonal relationships -Fine Motor Skills	Introduction to ICT environment	-Verbal - Linguistic -Musical - Bodily - Kinesthetic	Multimedia Presentations (Video/Audio)	09	- Develop Language and communication Skill - Develop Fine Motor Skills
				TOTAL PERIOD					50	

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ENTREPRENEURSHIP MINDSET CURRICULUM

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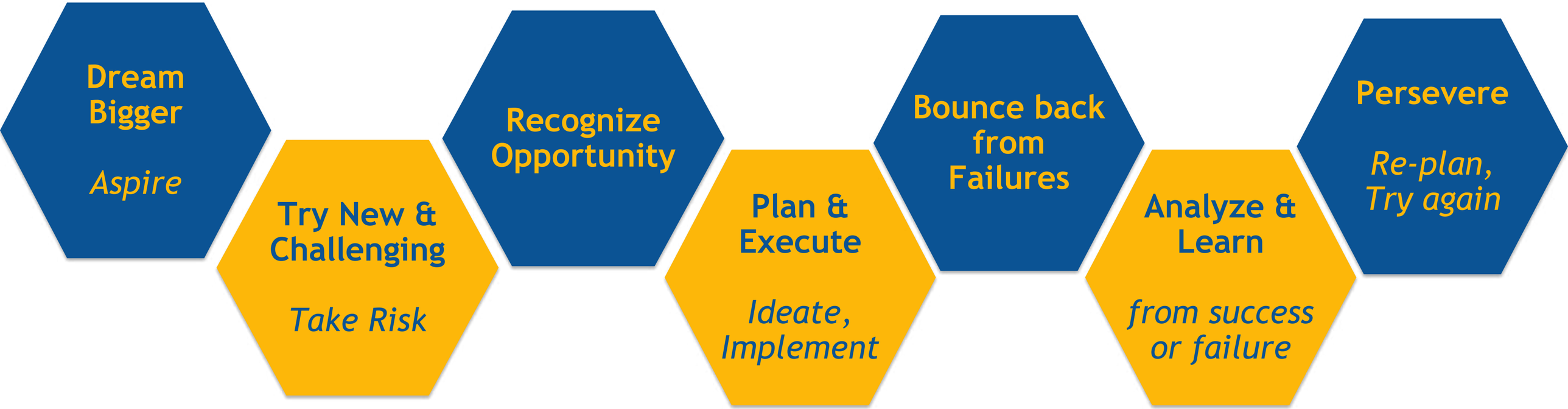

Key Entrepreneurial Abilities

\+ **Foundational Abilities** such as Communication, Critical Thinking, Decision-making, reative Ideation, Managing Fears, and so on.

Entrepreneurship MINDSET

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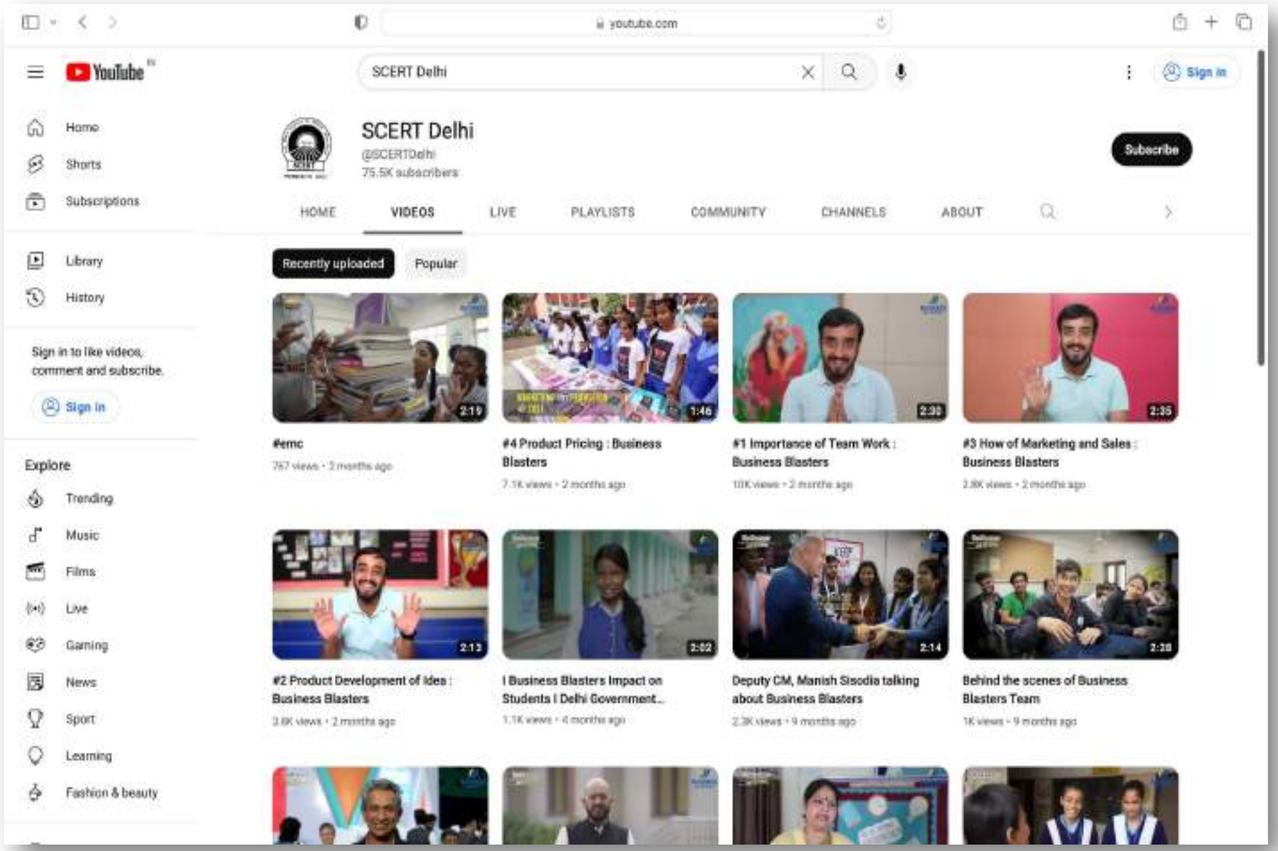
Digital EMC

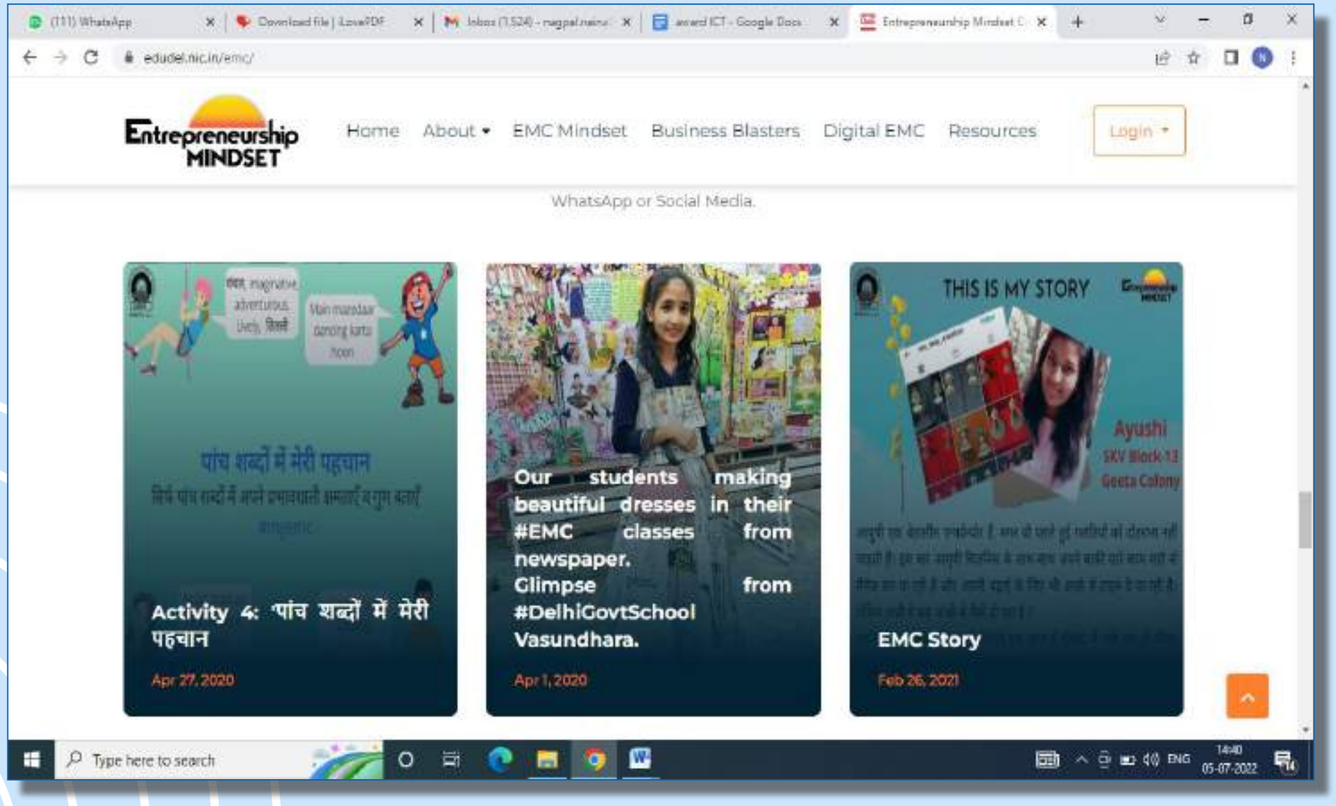


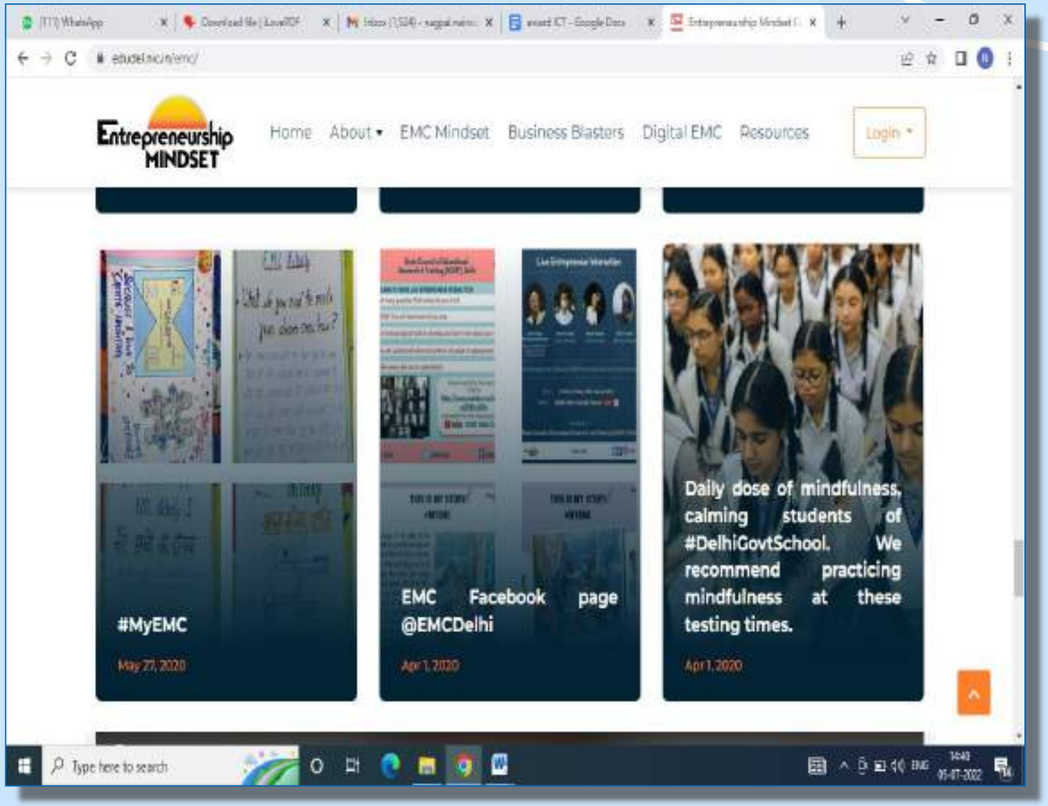
Digital Live Entrepreneur Interaction

- Online interaction with entrepreneurs is arranged via ***video conferencing and live broadcasts.***
- views range from **50k-60k** and we have approx. **3k-4k live viewers**.
- Our students have interacted with entrepreneurs like ***Sudha Murty, Abhirajbhel, Shri K Ganesh, Ms Kiran Mazumdar Shaw, Shri Anshu Gupta, Shri PC Musthafa and many more.***

Digital EMC Activities

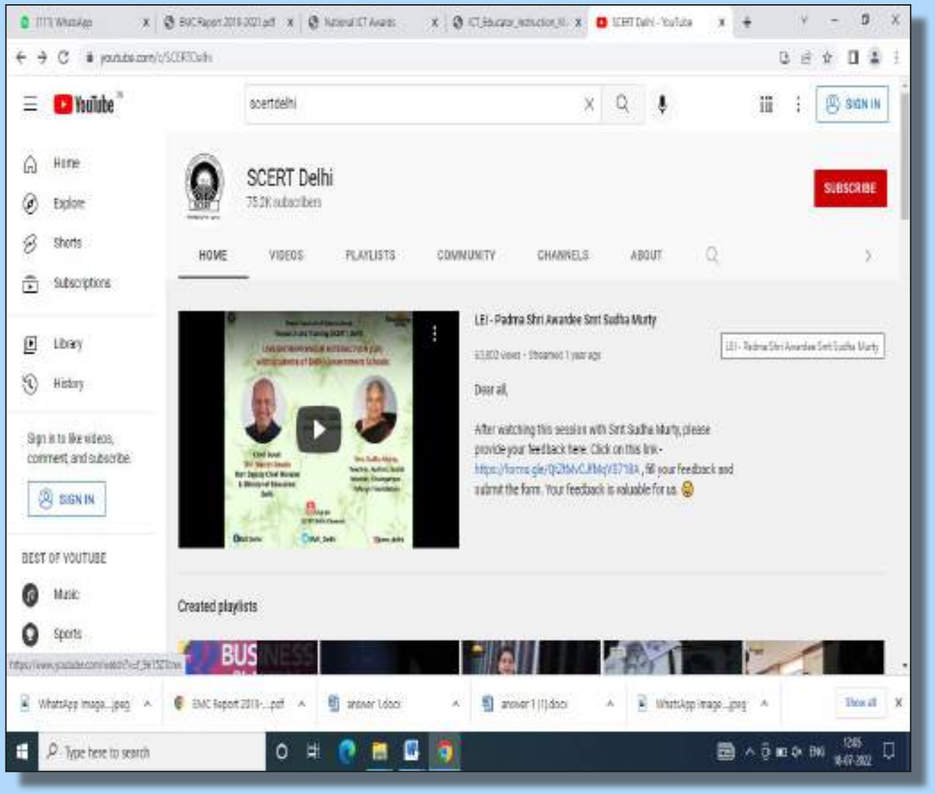
- **Themes covered-** Creativity, Self-expression, Understanding Self, Dream Bigger, Manage Fear, Decision Making, Analyze and Learn, Take Risk.
- During the lockdown, the EMC team designed activities that are communicated to students via teachers' WhatsApp groups as posters and YouTube video links as well as text messages via SMS.

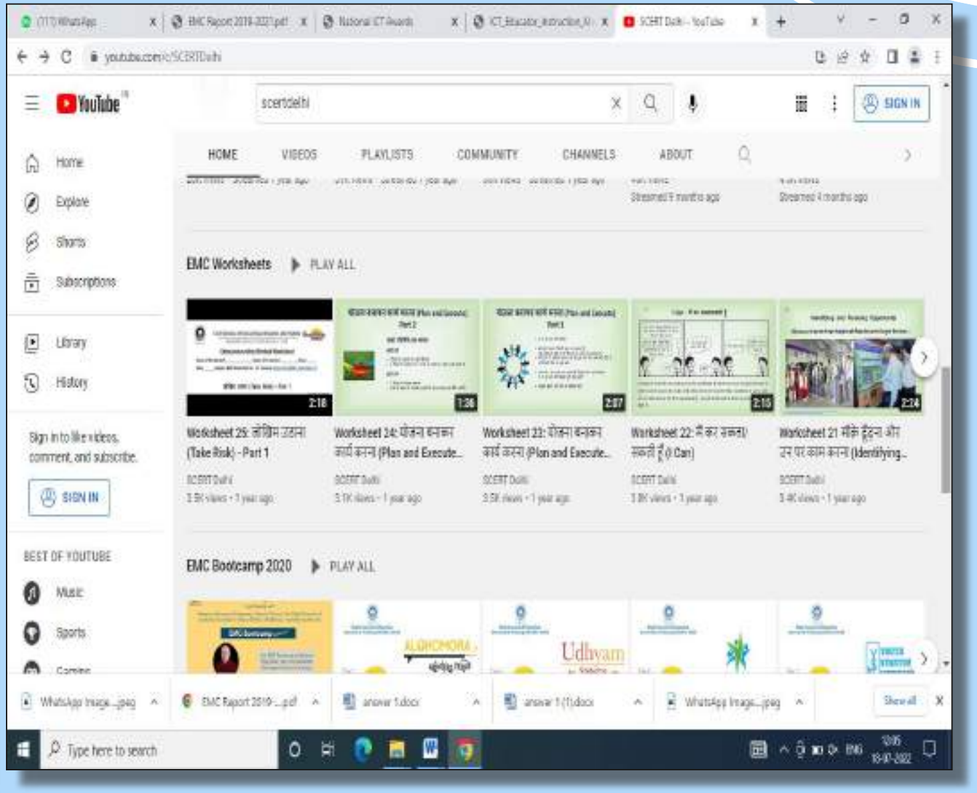




Digital EMC Worksheet:

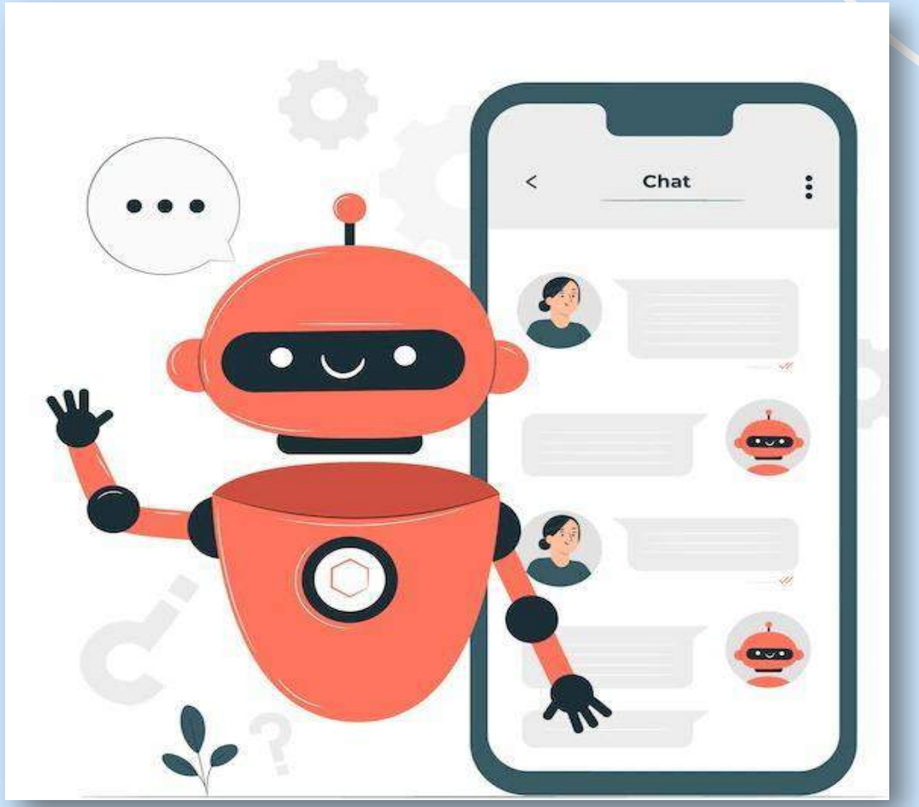
- ❑ Worksheets are sent to all students through **DIKSHA portal**.
- ❑ We send out a video along with the worksheet which can be accessed on the **SCERTs YouTube channel**.
- ❑ We have covered themes like critical thinking, managing fear, understanding others, collaboration etc.
- ❑ Clicks on our worksheets are approx. 20-30k . Average views on our videos are 5-10k.





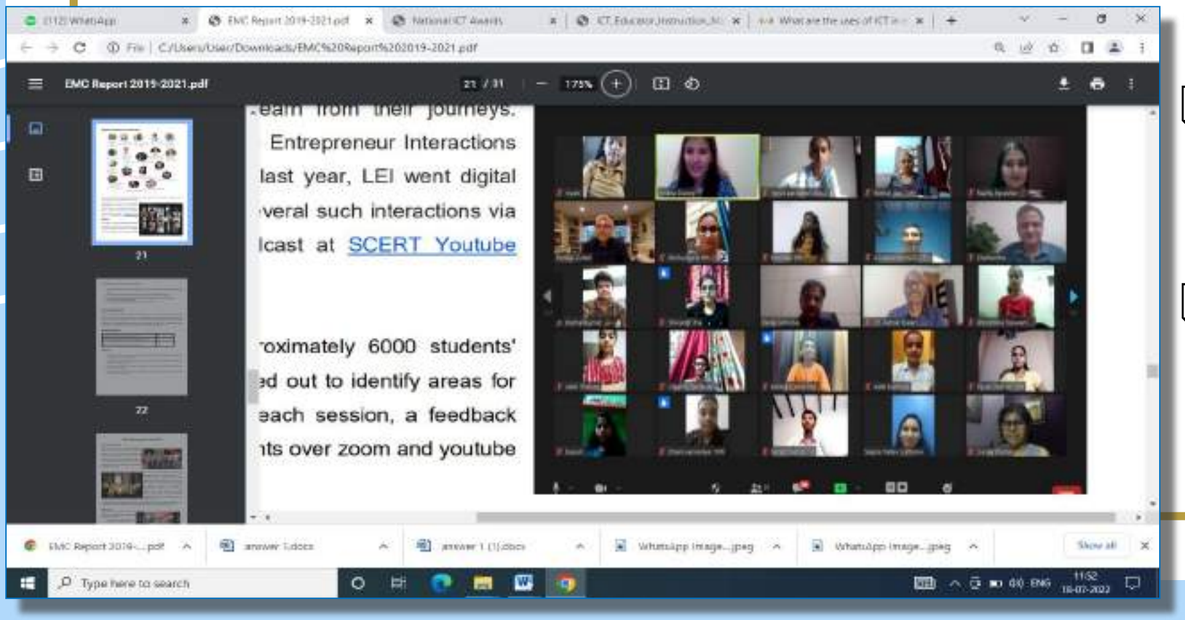
Digital EMC Chatbot

- Designed “**Interactive Worksheets**”, which can be shared digitally.
- This helped to explore various digital platforms that solve the challenges of Pdf worksheet.
- The experience was more students centeric, where students solved the worksheet over the chatbot.



Online EMC boot camp

- EMC boot camps were expected to take their entrepreneurial abilities to the next level.
- Organized with the help of eight partner organizations nearly 250 students managed to actively participate until the very end.



- Eight Partner Organizations offered a total of 14 batches of online boot camp.
- Observers were from EMC team at SCERT and Mentor Teachers of Directorate of Education, Delhi.

EMC Web App

- One stop access to all EMC resources; Notify them of newly available ones
- Seek support and training
- Provide Weekly Feedback to the EMC team
- identify the core area where specific intervention and special support will be needed.

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Business Blaster Website

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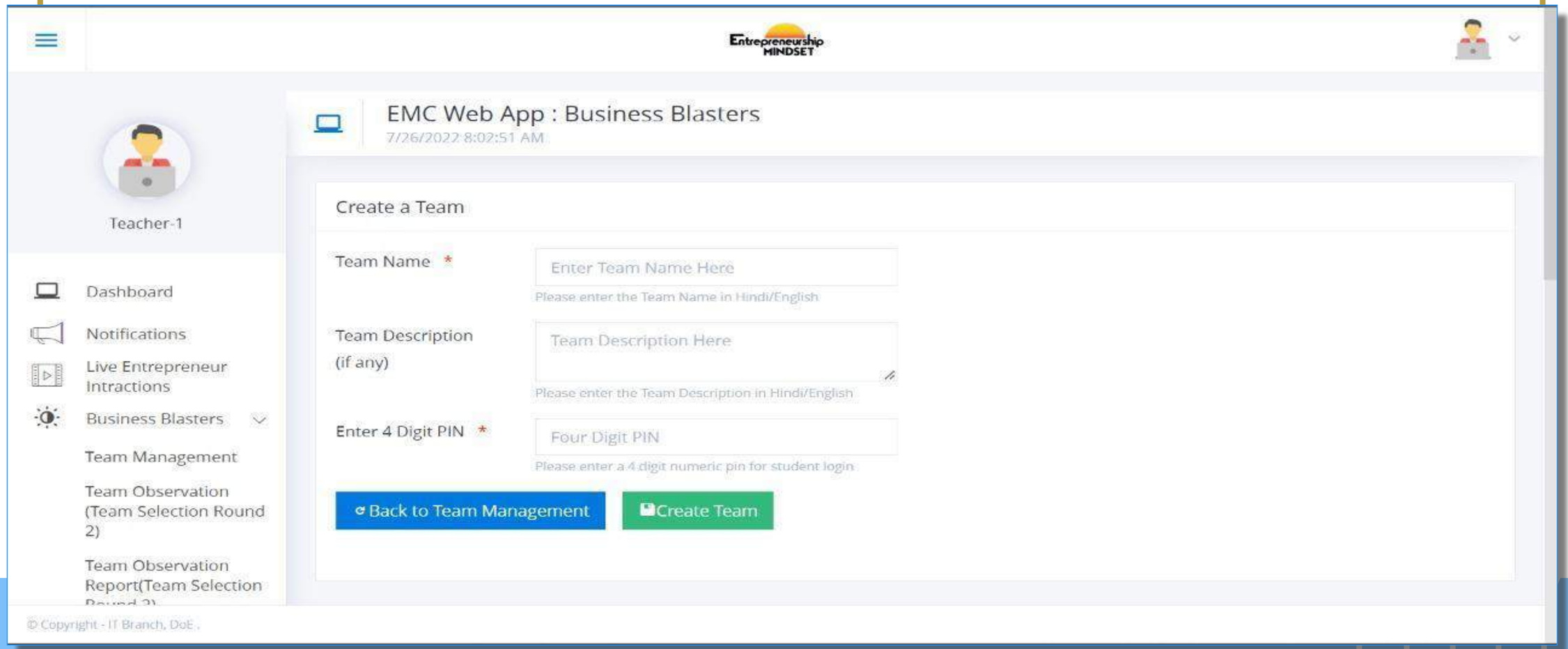
This website includes the what and why of Business Blaster along with details of top teams and investment summit and expo. It also provides a channel to express interest in supporting the programme for community.



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Digitized Teachers Manual on “Entrepreneurship Mindset Curriculum

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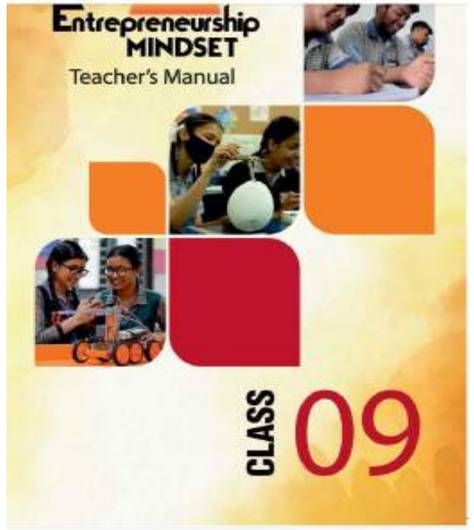
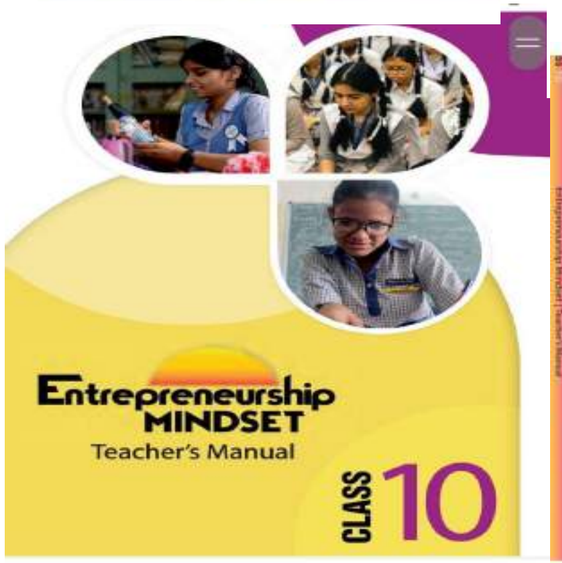
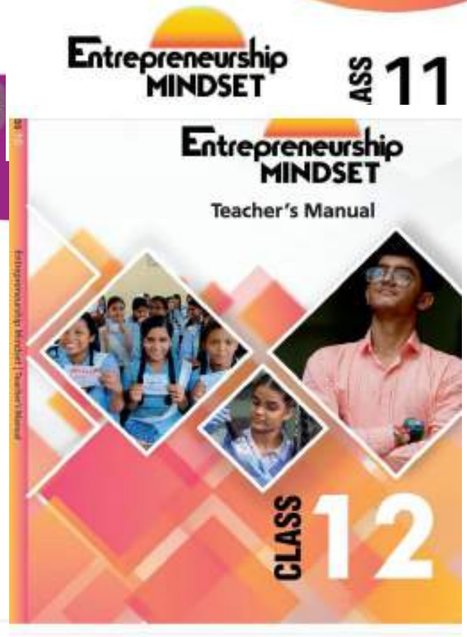
- 2 books were created for classes 9th to 12th which are digitized and uploaded on the DIKSHA Portal in the year 2019.

- 8 separate Teacher Manuals developed for grades 9,10,11,12 in English and Hindi medium in the year 2022.







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EMC ONLINE CLASSES

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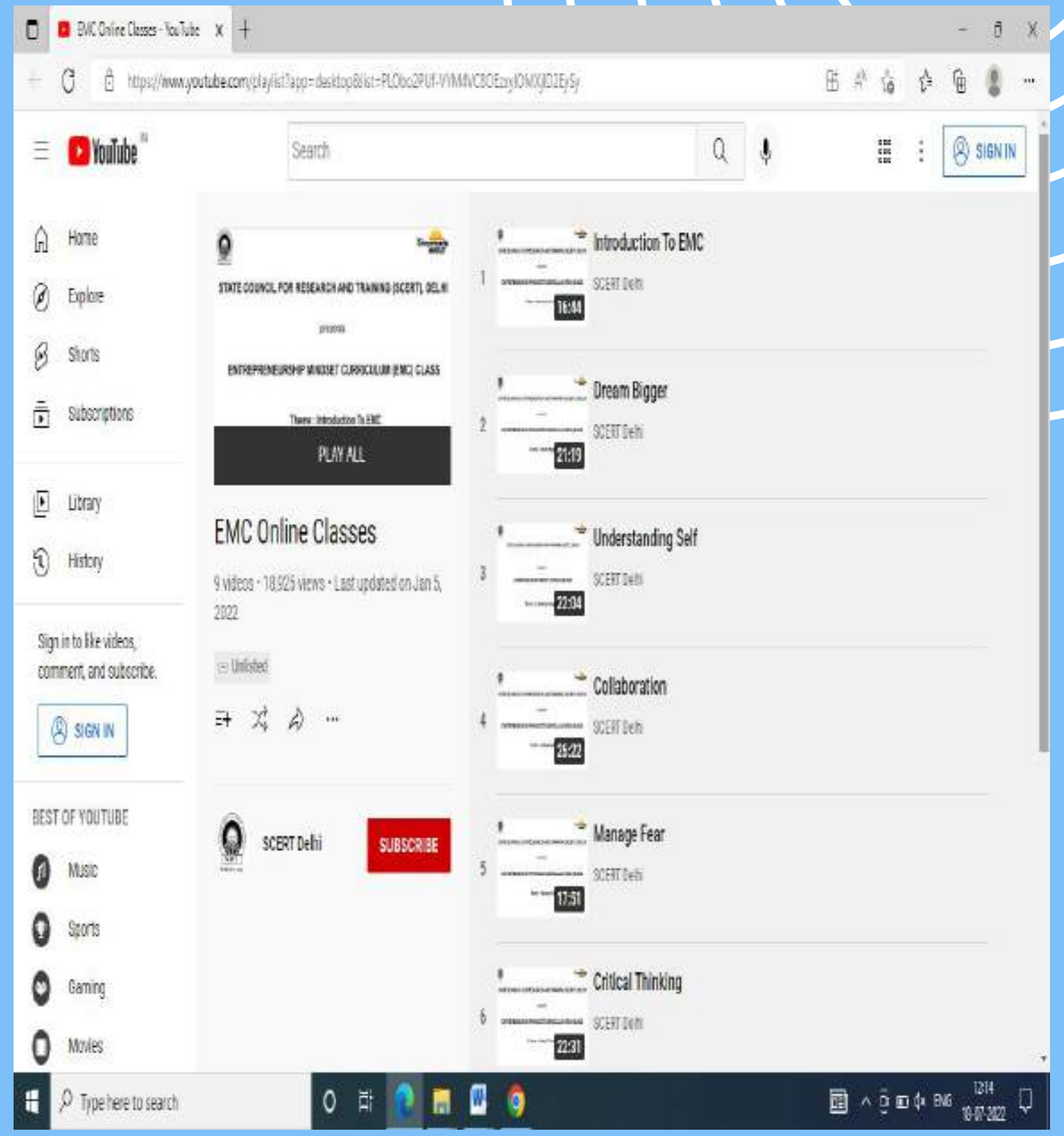
- EMC Online Classes aimed to provide continuous and joyful learning to our students, keeping the EMC learning objectives intact
- EMC session Module has been designed based on specific EMC themes which are supported by simple teacher facilitated activities which students can do at home or school.
- each theme will have 1 Session Plan PDF (on the google drive) and a supporting demo video (on the YouTube) for the virtual class.



EMC session Module: https://bit.ly/EMCClassPDF

Demo Videos: https://bit.ly/EMCClassYT

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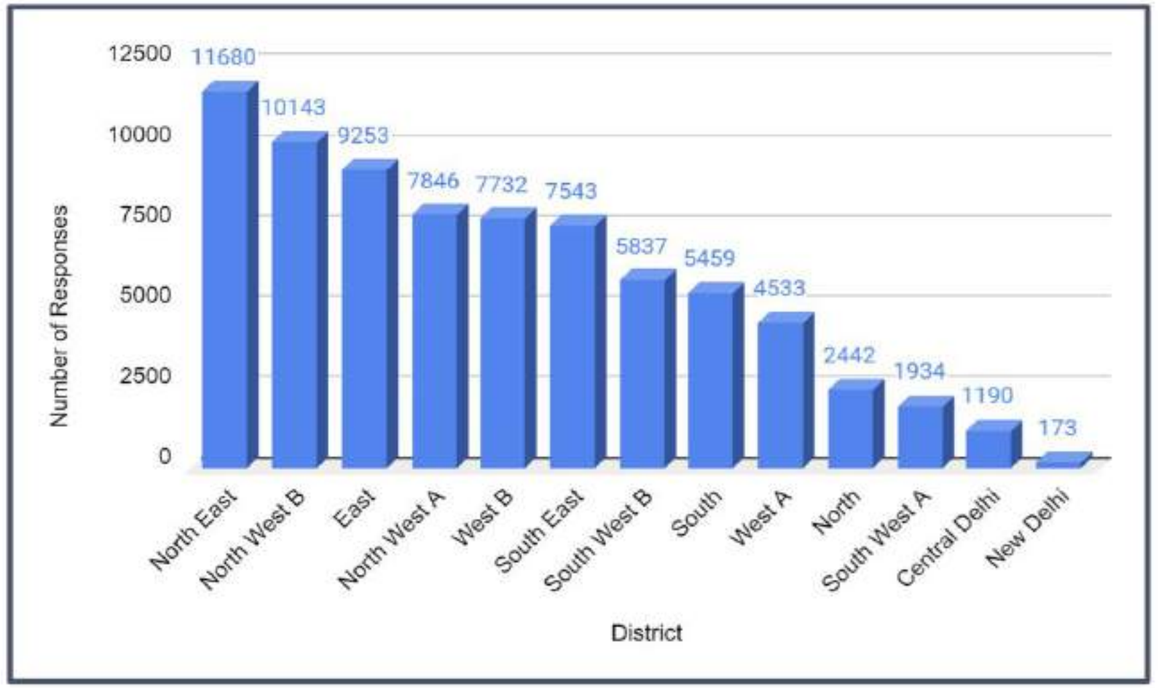
Teacher Reporting Tool : Online

To collect the EMC implementation data of 19000+ classroom (9th to 12) of Delhi Government schools to better insight of the program

Total Responses : 75765



8945 LEI session happened

18306 teachers trained

32906 Students specials happened

23554 Career Exploration session happened

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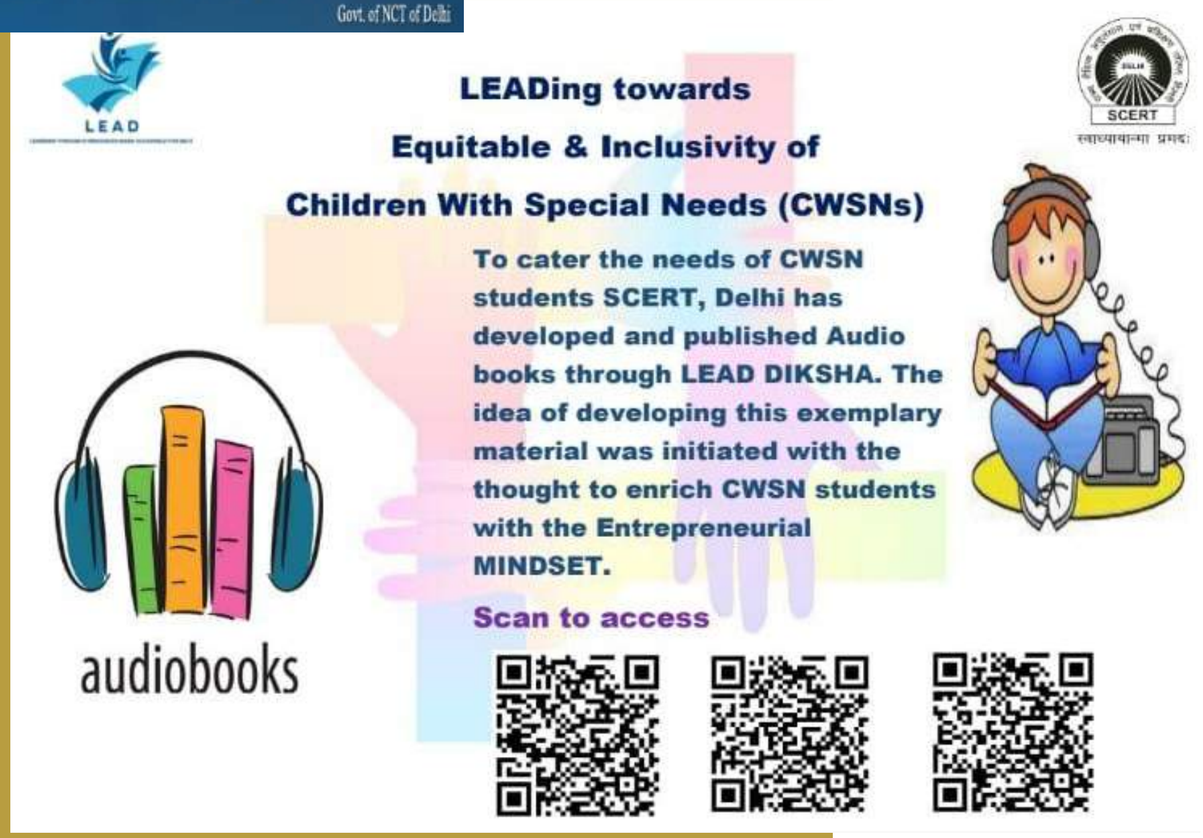
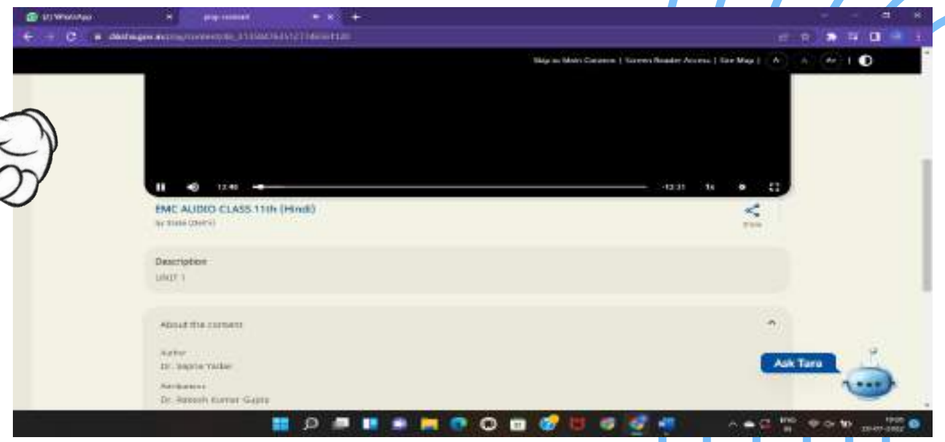
AUDIO BOOKS for CWSN



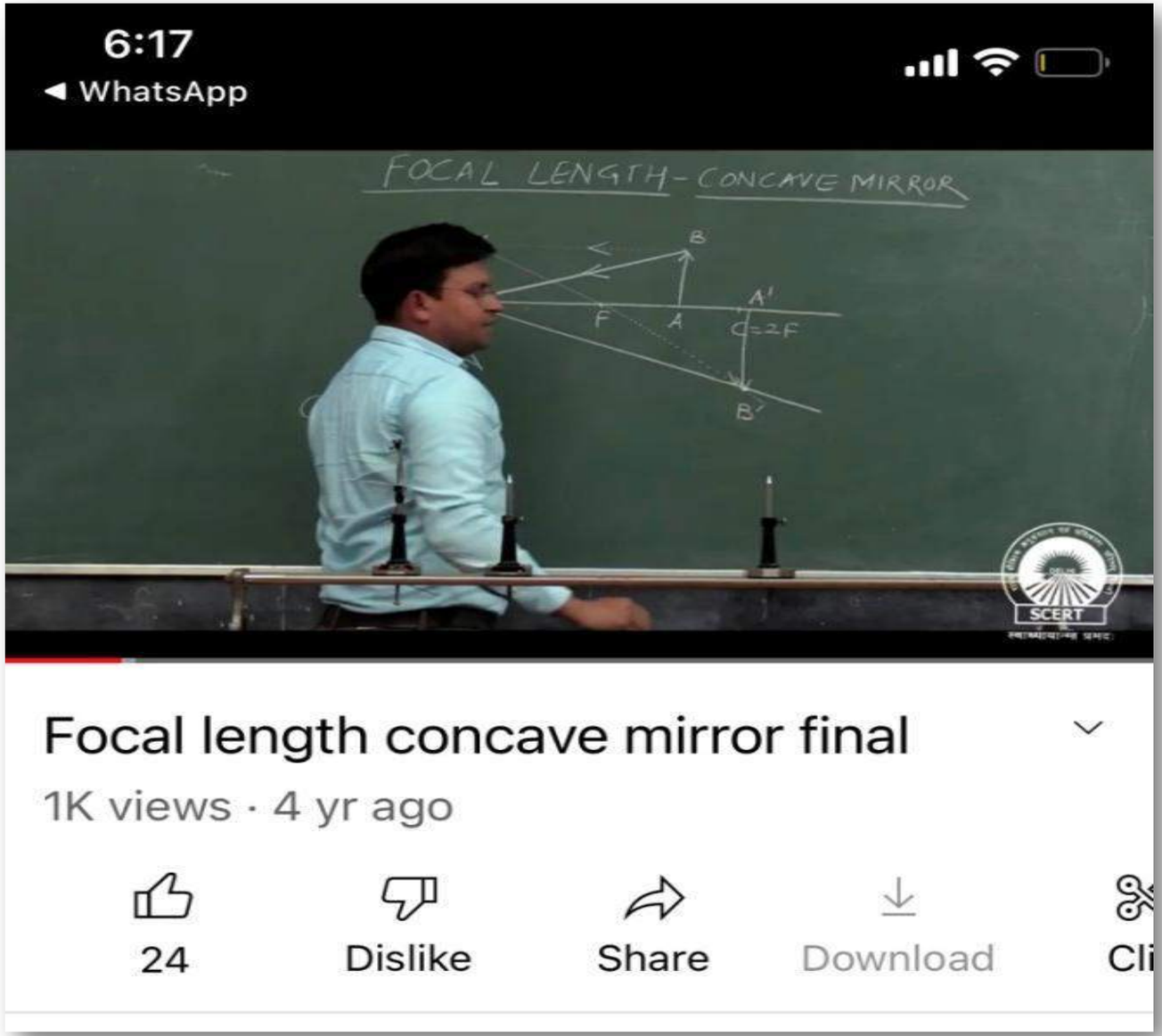
- SCERT has created audio books for all the grades under EMC for both Hindi and English language for making it accessible for all in an easy way.
- These are uploaded on the Diksha Platform for everyone and specially for visually impaired teachers as well as students.

AUDIO CLASS 11th (Hindi)



https://diksha.gov.in/play/content/do_31358476351277465611 20

PRODUCTION OF VIDEO MODULES



Some of the videos are below:

- https://youtu.be/9MnSVng0qi0
- **https://youtu.be/bL5upnVFTAk**
- **https://youtu.be/mXExsqIlqqA**
- http://www.youtube.com/v/umFLzZ1r1FU?autoplay=1&rel=0
- http://www.youtube.com/v/-vR_0ymSAF4?autoplay=1&rel=0
- https://youtu.be/XQGNr456I7k
- https://youtu.be/pgy14PjpkFU
- https://youtu.be/SS6wWTzzes8
- https://youtu.be/Jiy6Stx8Qic
- https://youtu.be/y8xWX1OAxJA
- https://youtu.be/IrPDyNpjVXU
- https://youtu.be/ODqRg5cLE70
- http://www.youtube.com/v/Jiy6Stx8Qic?autoplay=1&rel=0
- http://www.youtube.com/v/y8xWX1OAxJA?autoplay=1&rel=0
- http://www.youtube.com/v/SS6wWTzzes8?autoplay=1&rel=0

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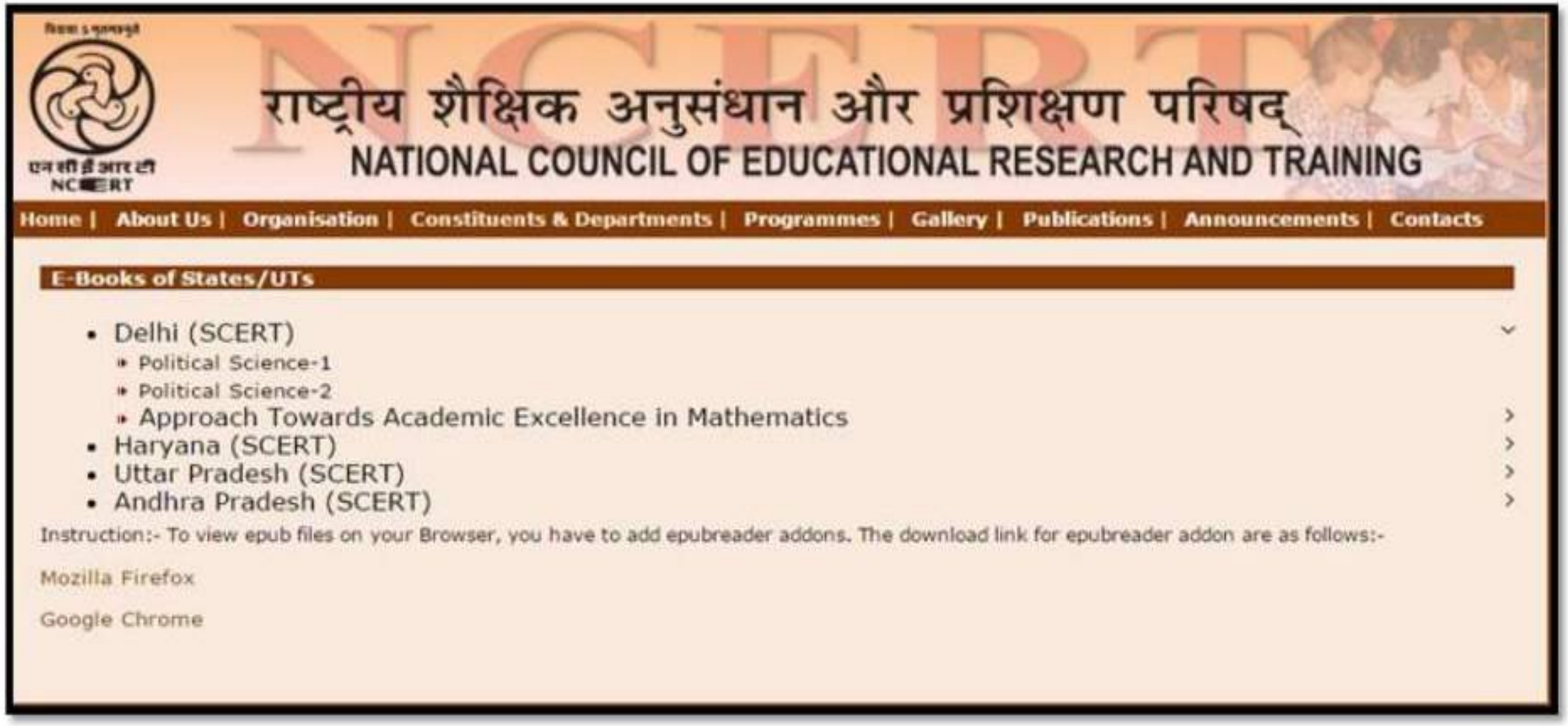
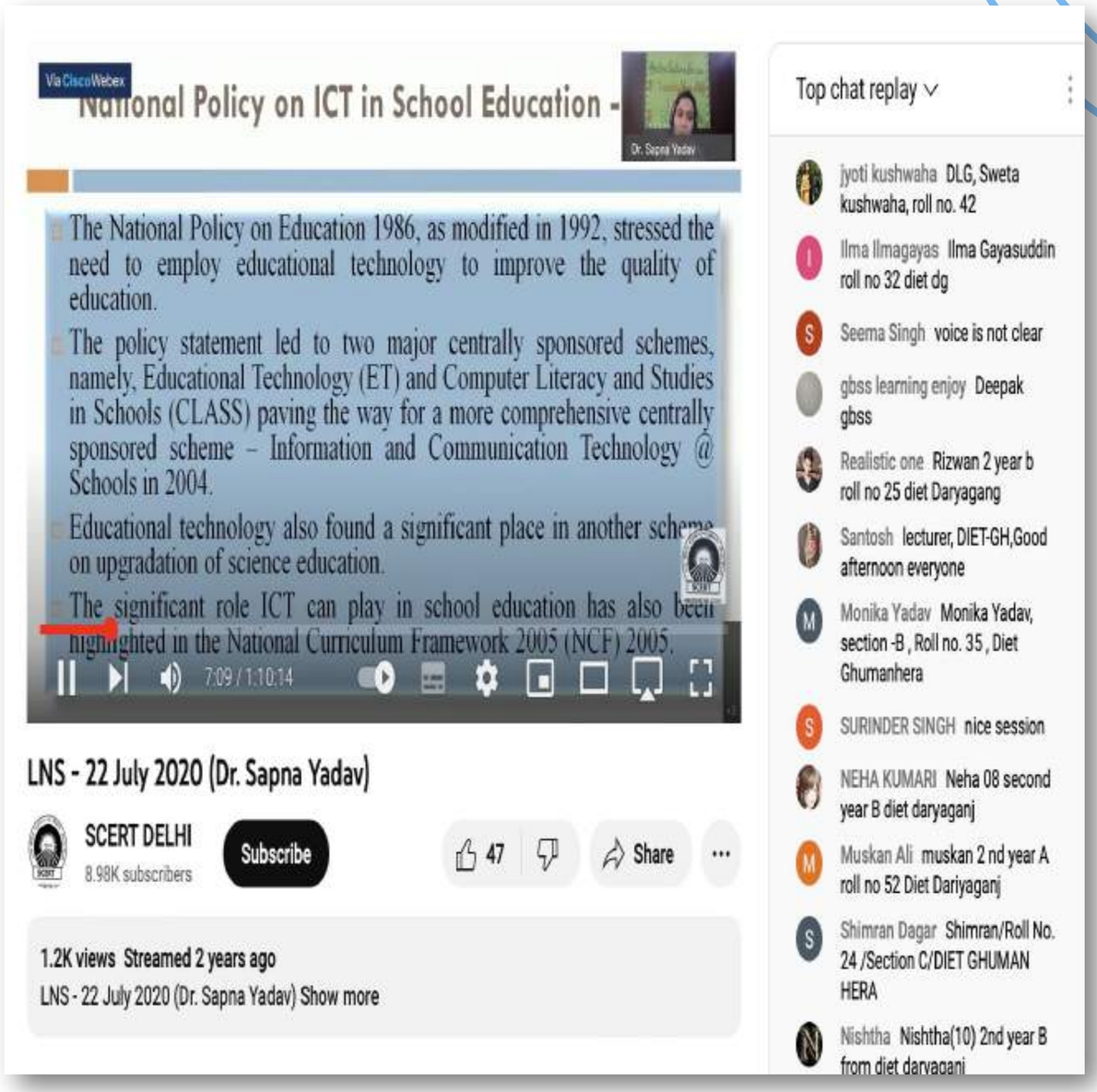
Digitization of Resource Support Material



LEARNING NEVER STOP

SCERT Delhi had organised an online lecture series with the title '**Learning Never Stop**'.

- Covers the topics of educational and curricular importance of our students, teachers and teacher educators.
- Lectures are made live on YouTube and Facebook



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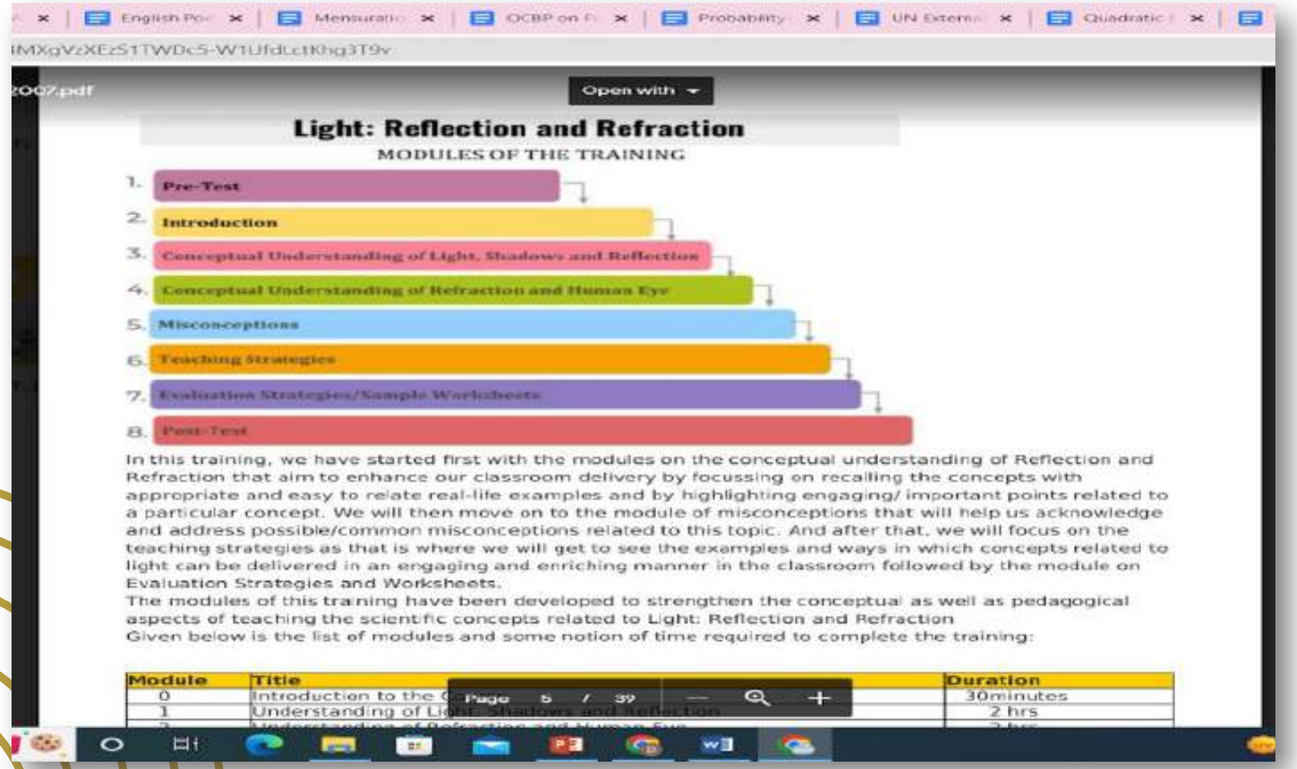
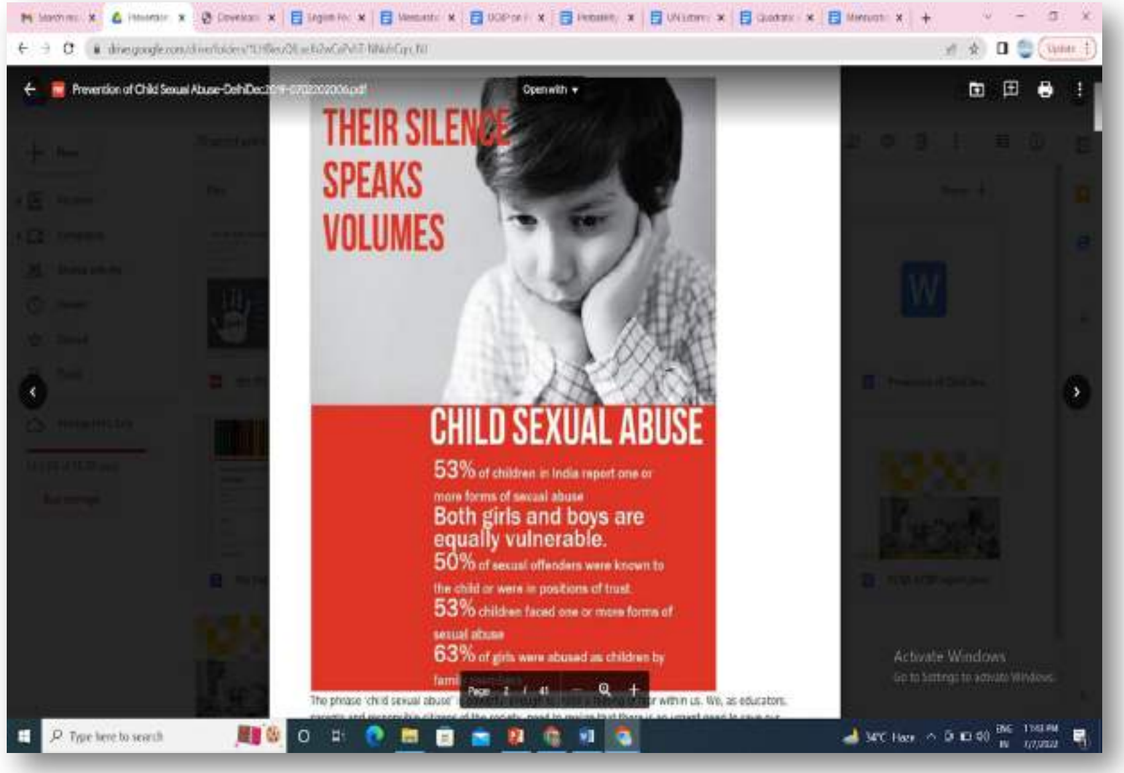
ONLINE CAPACITY BUILDING PROGRAMME

Number of Teachers Completed Training
2,01,564





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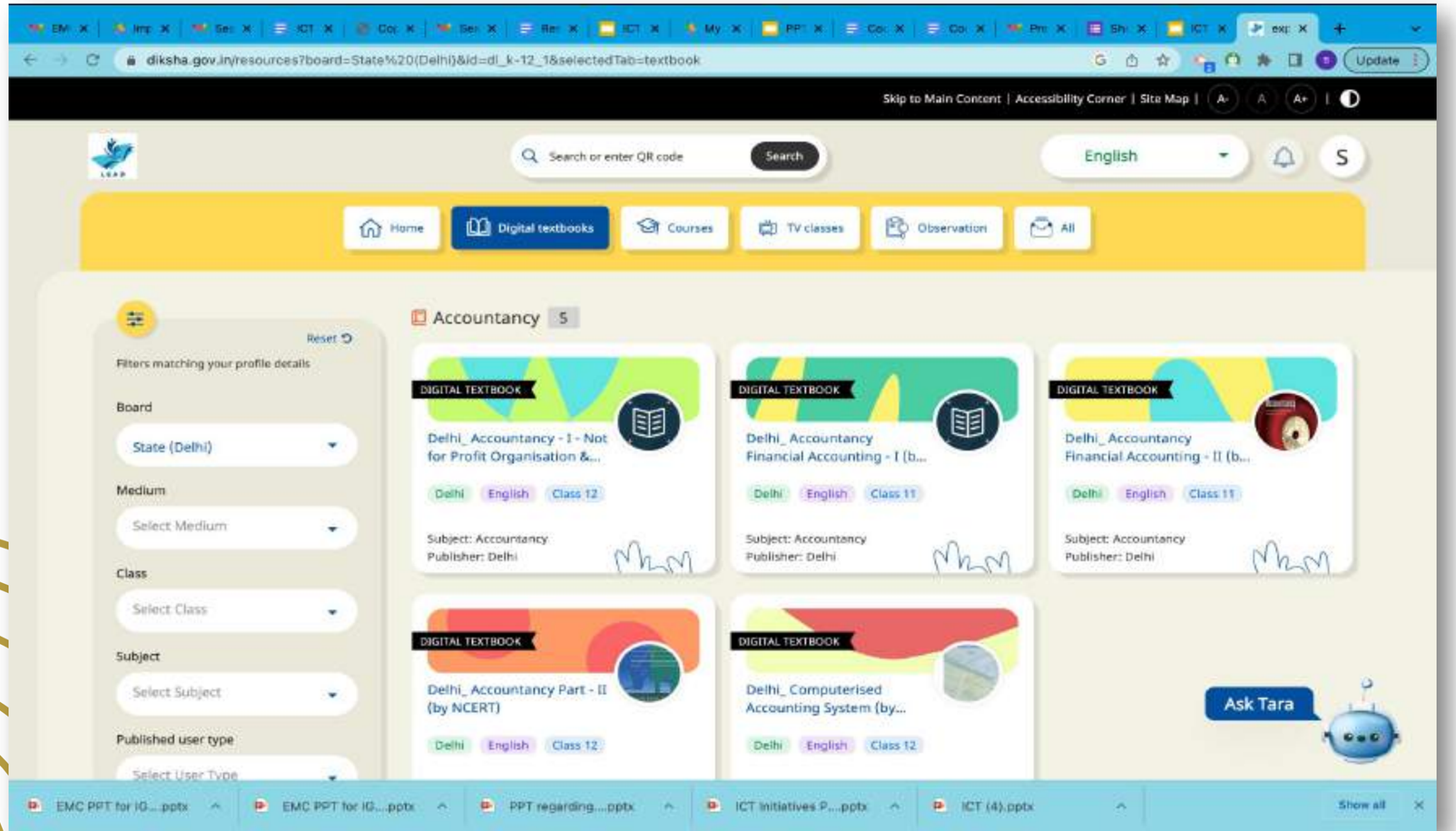
DIKSHA - An Initiative of Ministry of Education

Delhi State has launched their own DIKSHA tenant LEAD (Learning through e- resources made accessible for Delhi).



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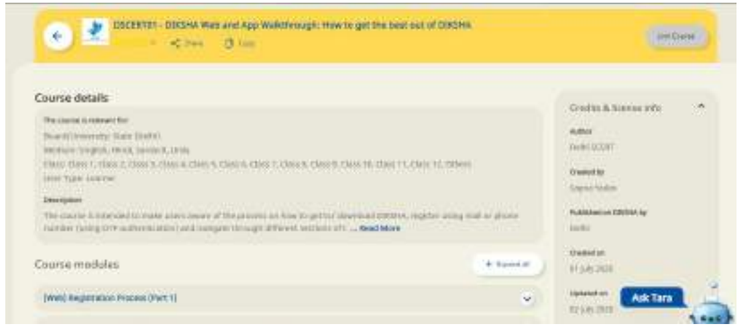
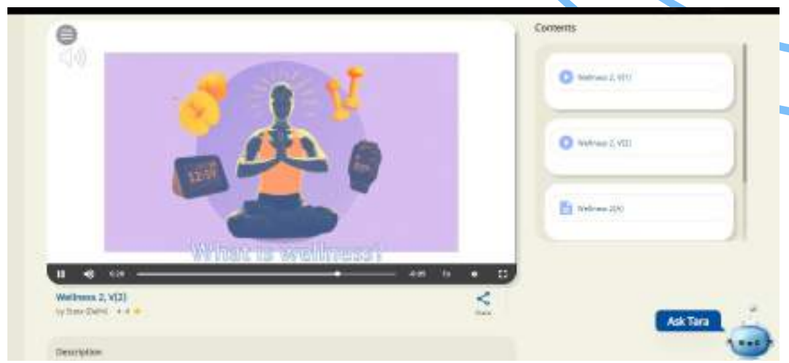
Train @ Home

Under Train@home Initiative SCERT Delhi has **trained 95220 Teachers & HoS** on need based topics till now through DIKSHA portal "**LEAD**".

Designing Online Assessments



Fabricating Audio-Video based Assessments



Wellness is a key to balancing life skills'

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Learn@Home

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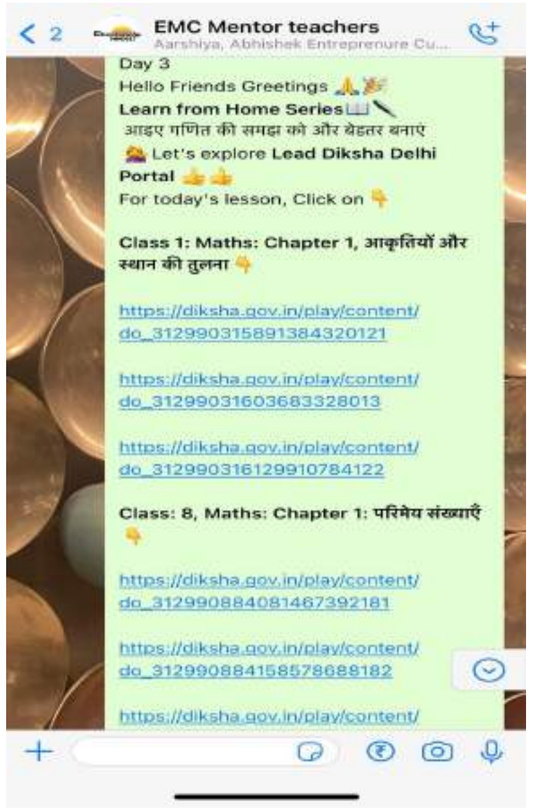
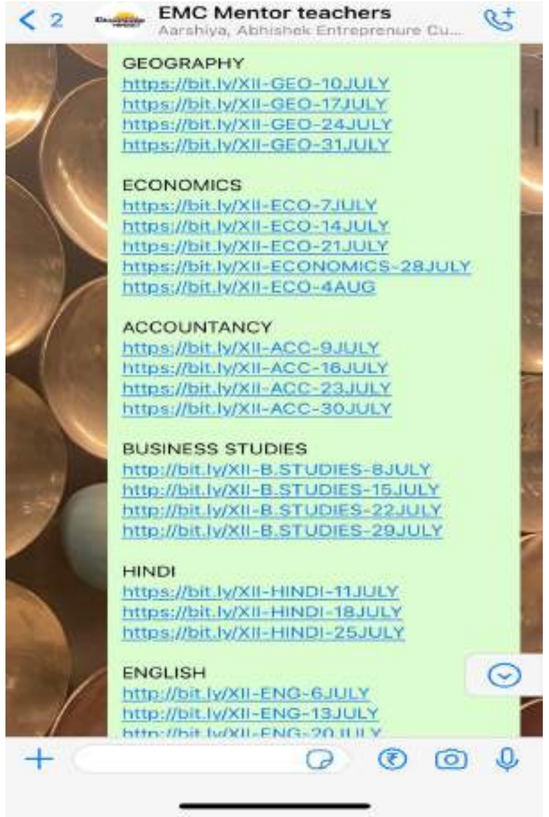
During the times of Covid pandemic when schools were closed for uncertain period of time, SCERT have initiated these learn @ home series to filling the gap of learning among learners by providing links of online DOE Classes, Worksheets, assessments sheets and other resources material through whatsapp.

- ✔**Subject wise content links from class I to class X, where we have sent so far 1175 content pieces to the students of classes VI to X of all five subjects and 130 content pieces of classes I to V till now**

- ✔**5200 DoE Worksheets and Assessments Sheets are uploaded**

- ✔ **694 DoE online classes links on DIKSHA Portal Lead till now for the students of classes XI & XII and sent same links to our teachers and students both through WhatsApp media for an easy & larger access.**





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DIKSHA TRAINING IN PROCESS

Energized Textbook

Cyber Awareness and Ethics

Ideation

Trainings

Financial Literacy

Career Guidance and Counselling

Multidisciplinary Approach in Classrooms

Innovative Practices in Mathematics Classroom

Understanding of Inclusive Classroom

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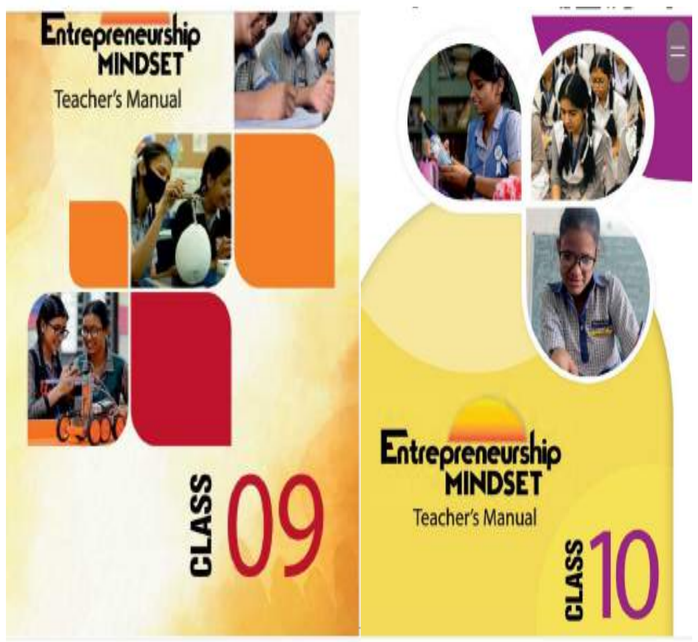
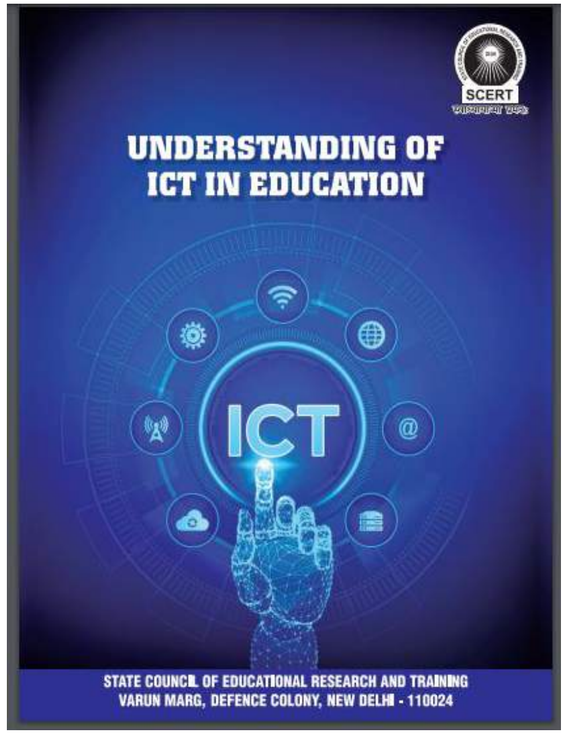
Energised Book developed by SCERT

11 Energized books on Foundational Literacy and Numeracy

11 Energized books on Entrepreneurship Mindset Curriculum



Energized book on Understanding of ICT



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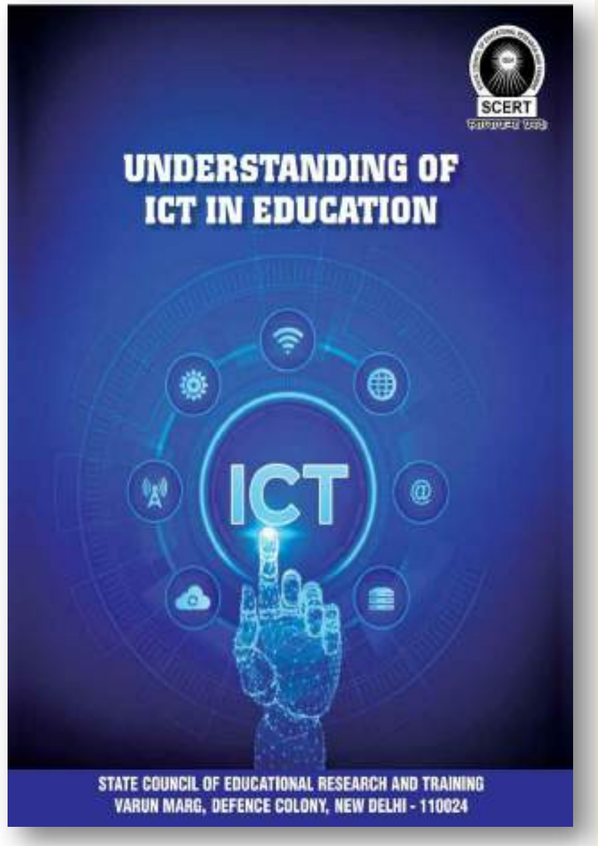
Energised Book developed by SCERT

L8P8U9

https://diksha.gov.in/play/collection/do_31349416616528281612 89?contentType=TextBook



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Vidya Amrit Mahotsav

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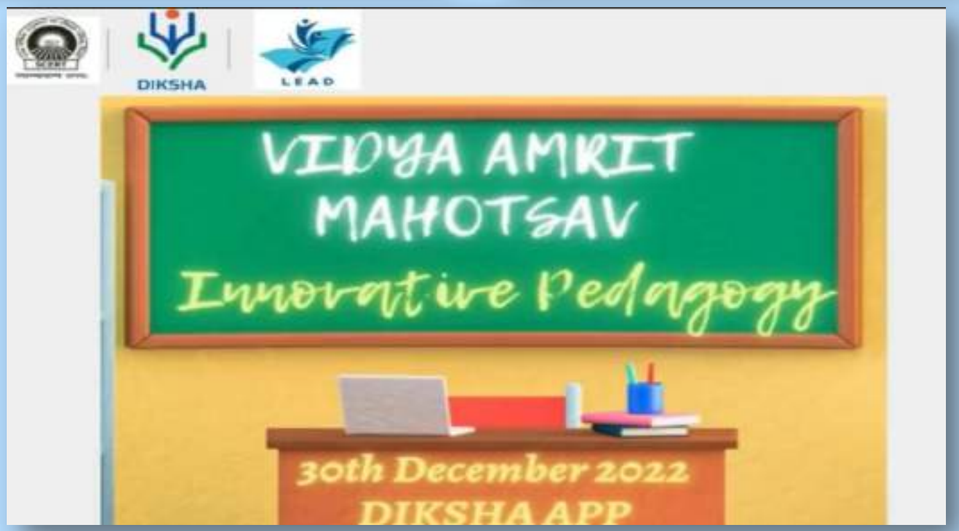
Delhi has also participated in Vidya Amrit Mahotsav an initiative by NCERT in which teachers, teacher educators have to submit their video of Innovative Pedagogy for participation through DIKSHA.



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Delhi's
e-content contribution through Vidyadaan
in the session 2021-22
on DIKSHA.

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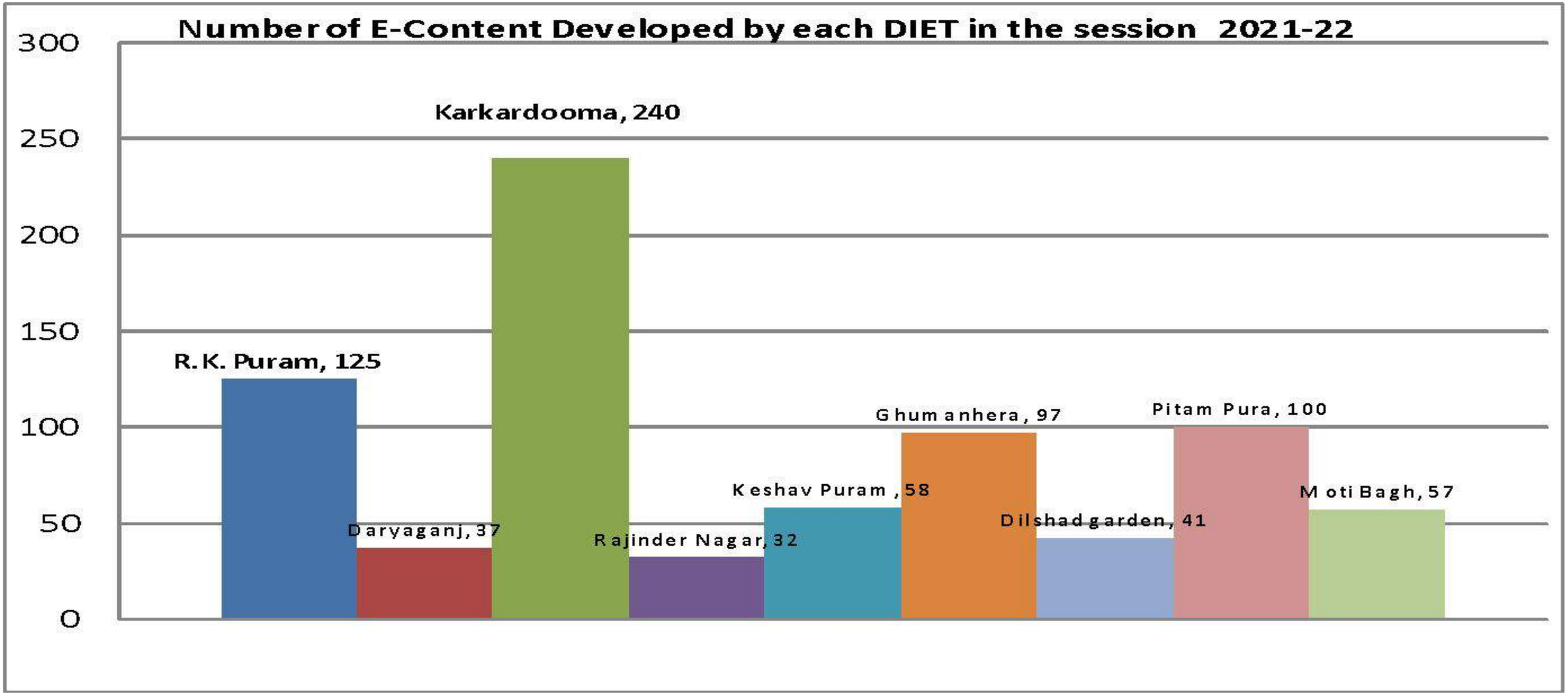
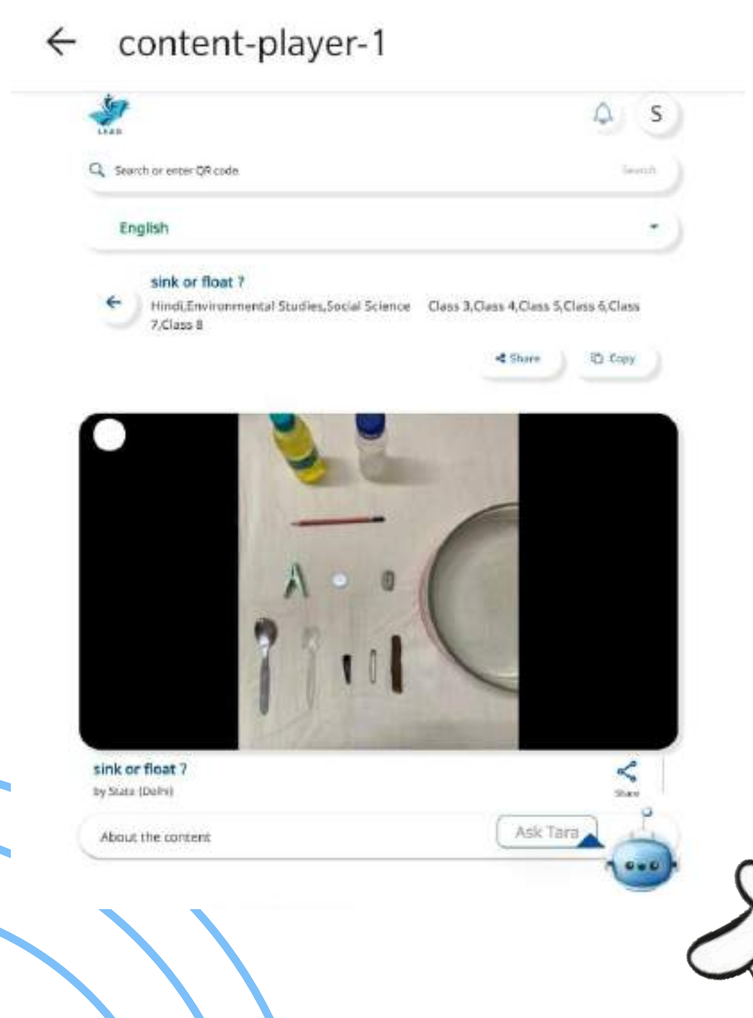
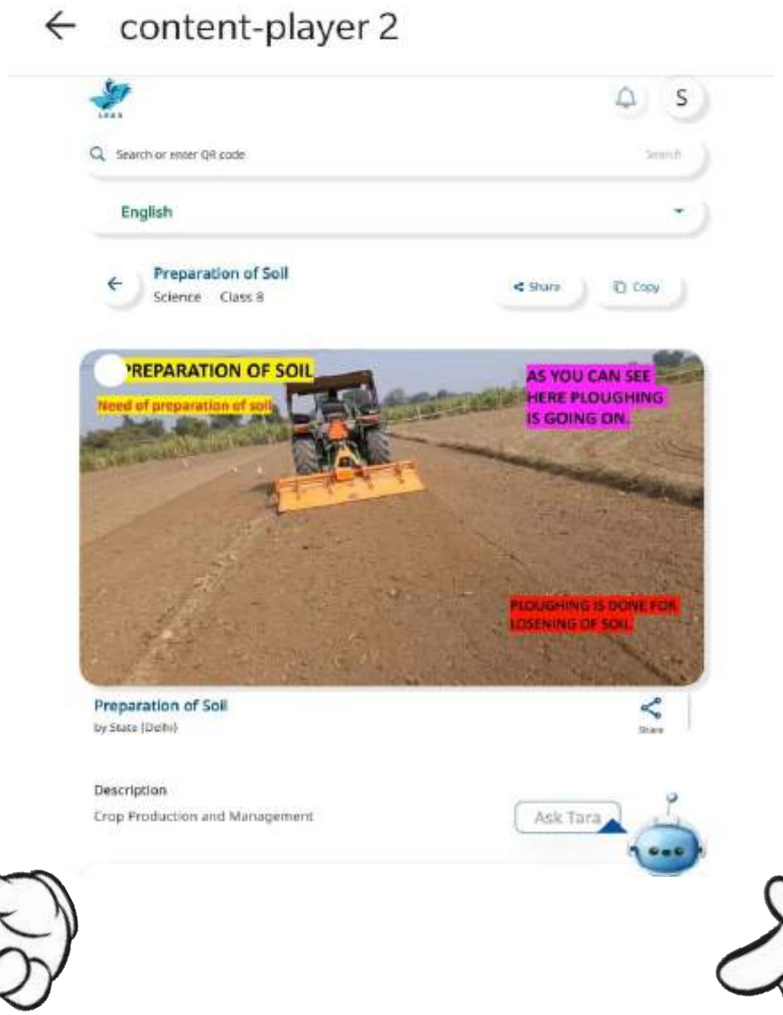
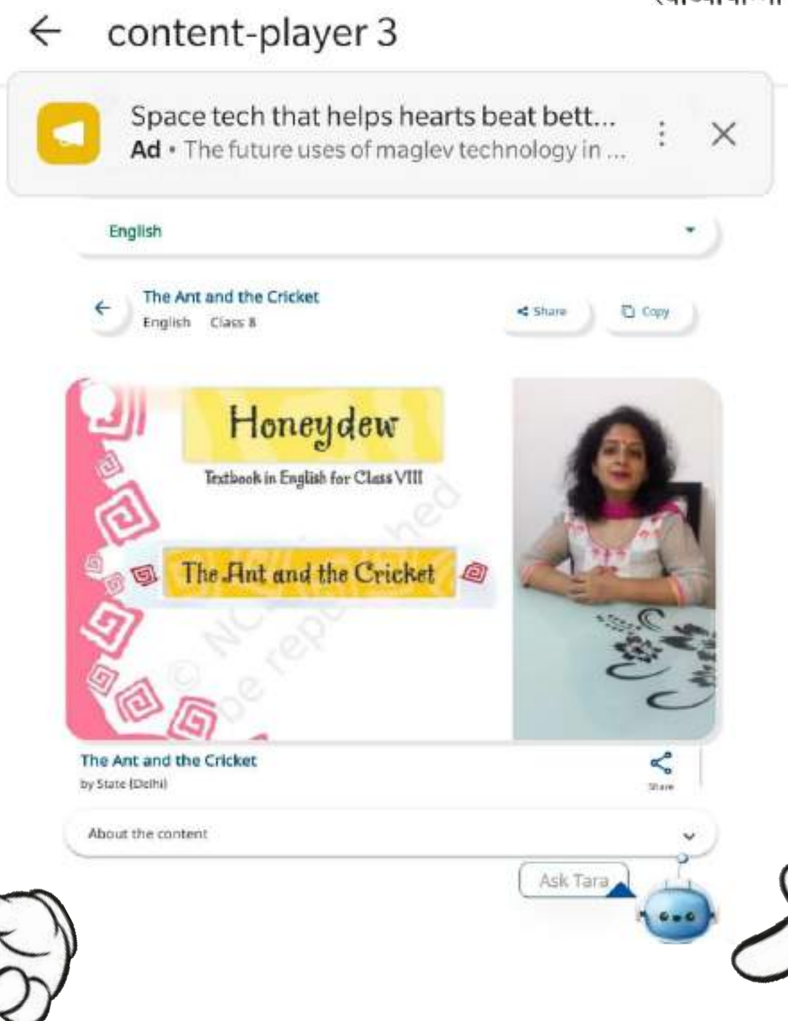
Total e-Content for Academic & Non Academic Topics in the session 2021-2022: 806



Here are.... few samples of Files Uploaded on DIKSHA







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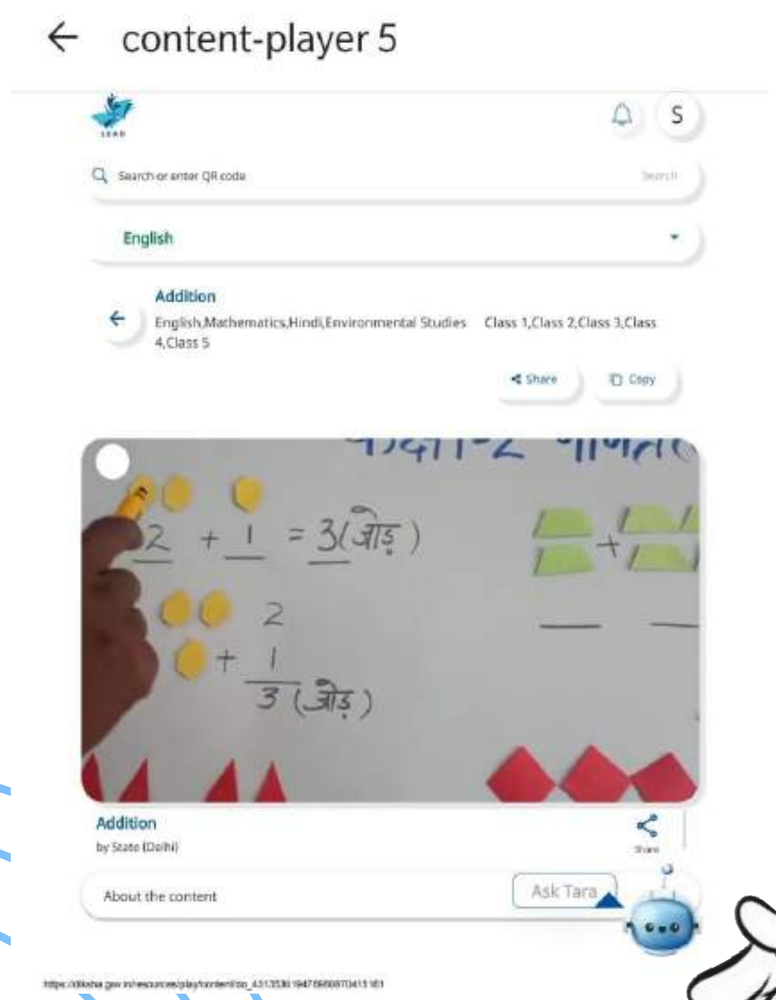
Samples .....



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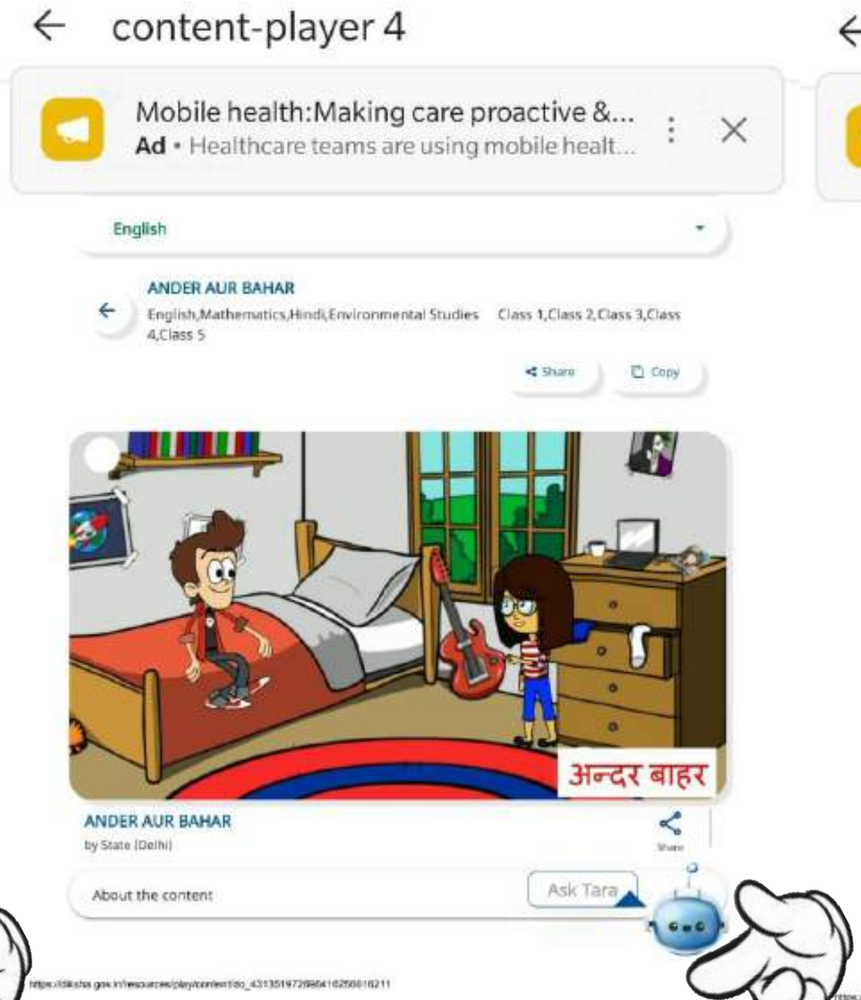

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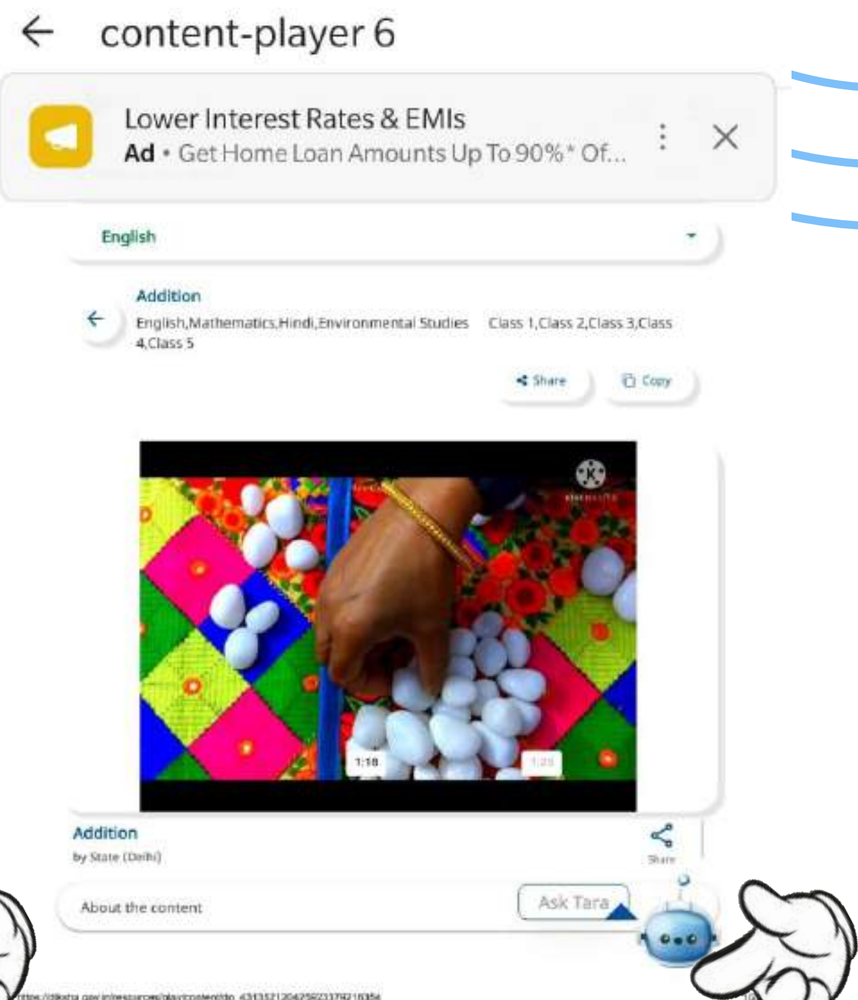

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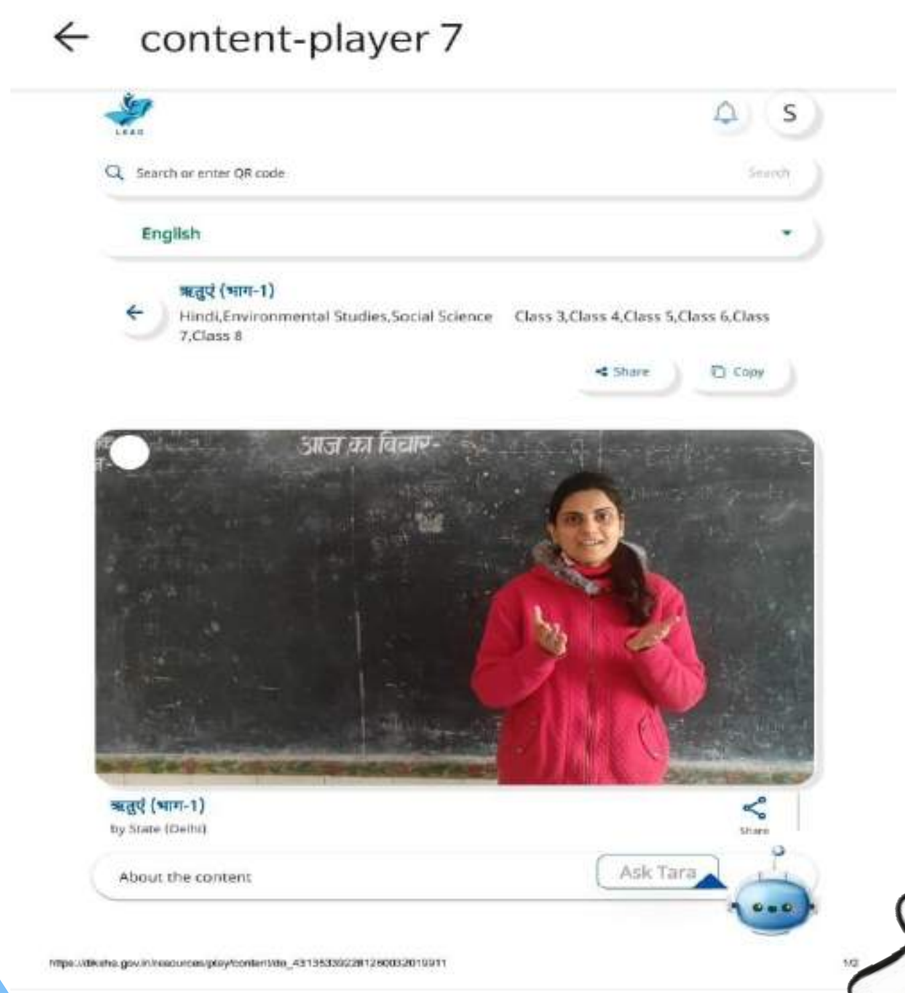
Samples .....



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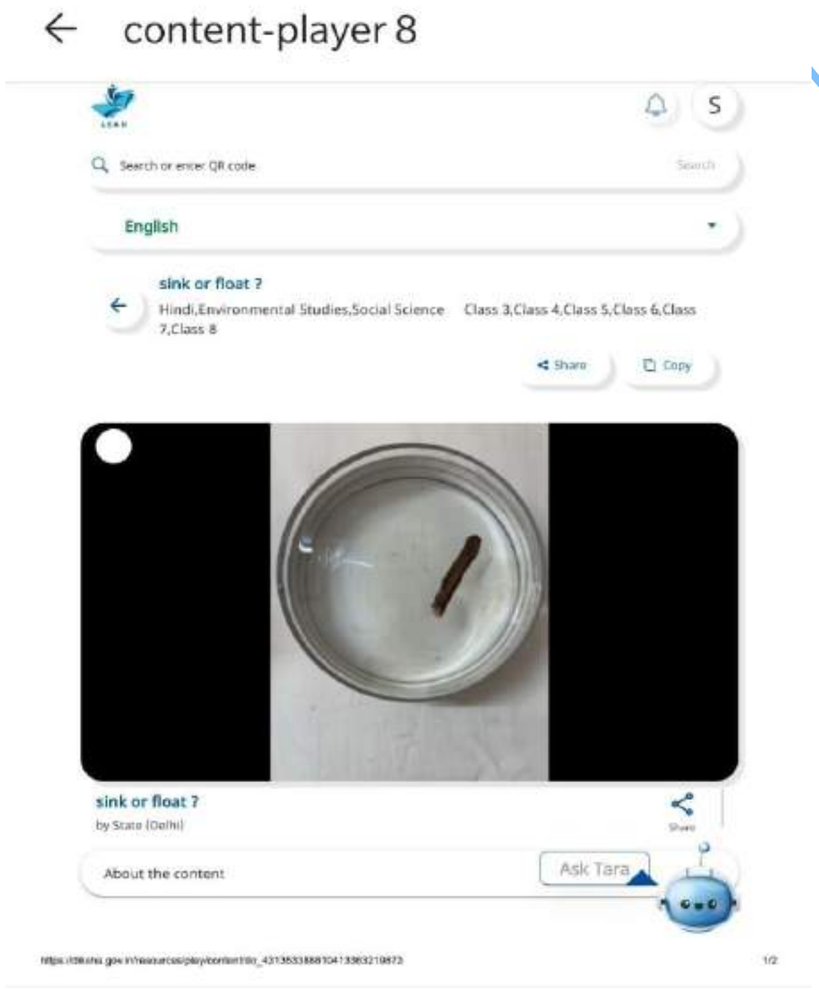

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SCERT Website

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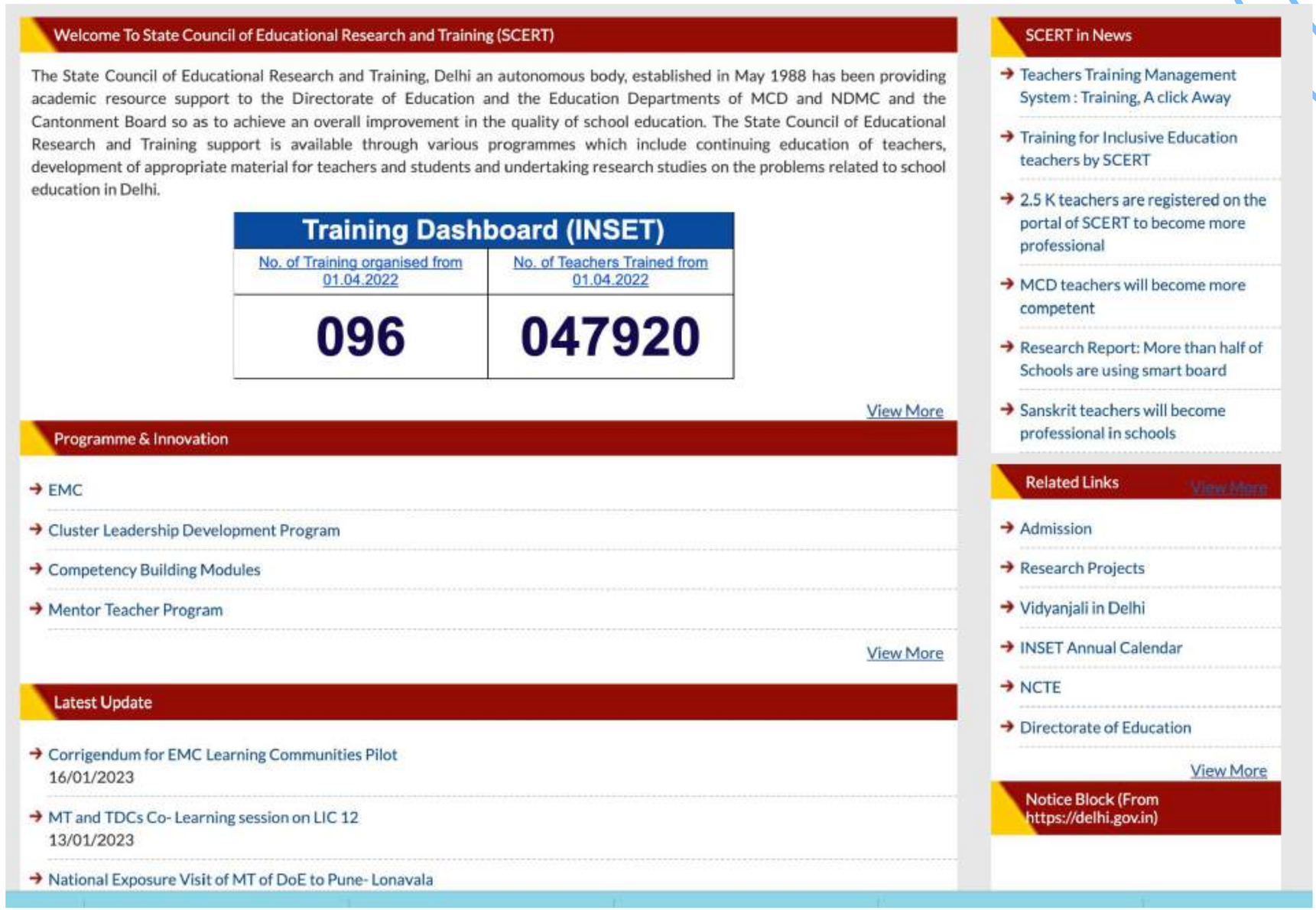

Welcome To State Council of Educational Research and Training (SCERT)

The State Council of Educational Research and Training, Delhi an autonomous body, established in May 1988 has been providing academic resource support to the Directorate of Education and the Education Departments of MCD and NDMC and the Cantonment Board so as to achieve an overall improvement in the quality of school education. The State Council of Educational Research and Training support is available through various programmes which include continuing education of teachers, development of appropriate material for teachers and students and undertaking research studies on the problems related to school education in Delhi.

Training Dashboard (INSET)

No. of Training organised from 01.04.2022	No. of Teachers Trained from 01.04.2022
096	047920

View More

Programme & Innovation

- EMC
- Cluster Leadership Development Program
- Competency Building Modules
- Mentor Teacher Program

View More

Latest Update

- Corrigendum for EMC Learning Communities Pilot 16/01/2023
- MT and TDCs Co- Learning session on LIC 12 13/01/2023
- National Exposure Visit of MT of DoE to Pune- Lonavala

SCERT in News

- Teachers Training Management System : Training, A click Away
- Training for Inclusive Education teachers by SCERT
- 2.5 K teachers are registered on the portal of SCERT to become more professional
- MCD teachers will become more competent
- Research Report: More than half of Schools are using smart board
- Sanskrit teachers will become professional in schools

Related Links

View More

- Admission
- Research Projects
- Vidyanjali in Delhi
- INSET Annual Calendar
- NCTE
- Directorate of Education

View More

Notice Block (From https://delhi.gov.in)

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Online TRAINING OF TEACHERS

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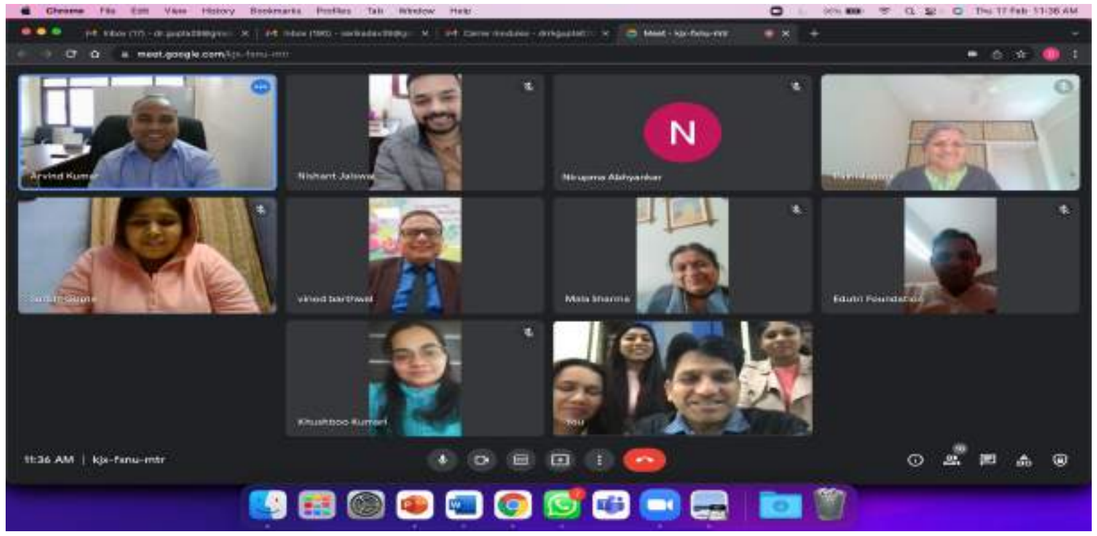
- During Covid period, most of teachers are trained in various Communication technology like ZOOM, WebEx, MS Team & Google Connect.
- Approx. 35,000 teachers are certified trainer –Google classroom.
- Digital Board and Connected Classrooms training.
- Office Suite Training.
- Teachers are trained for creating videos and uploading channel like YouTube & DIKSHA etc…



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NISHTHA Training

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Sr. No.	NISHTHA training	SCERT Delhi facilitation training
1.	NISHTHA: Improvement in learning outcomes of the students.	SCERT Delhi facilitation training: Improvement in teacher facilitation skills.
2.	NISHTHA: Creation of an enabling and enriching inclusive classroom environment	SCERT Delhi facilitation training: creation of a fun learning and joyful environment which attracts students to learn and come to school.
3.	NISHTHA: Teachers become alert and responsive to the social, emotional and psychological needs of students as first level counselors.	SCERT Delhi facilitation training: teacher becomes a facilitator, guide and motivator.
4.	NISHTHA: Teachers are trained to use Art as pedagogy leading to increased creativity and innovation among students.	SCERT Delhi facilitation training: this training inbuilts and facilitating environment which sustained the inquisitiveness of students and makes them independent and owner of their learning.

NISHTHA Training

5.	NISHTHA: Teachers are trained to develop and strengthen personal-social qualities of students for their holistic development.	SCERT Delhi facilitation training: teachers are trained in skills and competencies which promotes interactions, dialogue and questioning in classrooms.
6.	NISHTHA: Creation of a healthy and safe school environment.	SCERT Delhi facilitation training: creation of a healthy teacher student relationship where both are colearner.
7.	NISHTHA: Integration of ICT in teaching, learning and assessment.	SCERT Delhi facilitation training: integration of ICT to use facilitation skills effectively and continuous and co existential assessment as part of teaching learning process.
8.	NISHTHA: Teachers adopt Activity Based Learning and move away from rote learning to competency based learning.	SCERT Delhi facilitation training: teachers will adopt a self motivated and self disciplined environment which interests the child in self learning.
9.	NISHTHA: Teachers and School heads become aware of new initiatives in school education.	SCERT Delhi facilitation training: teachers and School heads will actively participate in building a sustainable learning community in the school.
10.	NISHTHA: Transformation of the Heads of Schools into providing academic and administrative leadership for the schools for fostering new initiatives.	SCERT Delhi facilitation training: schools are transformed into a democratic system which values equality and equity in learning opportunities and fosters democratic values in students.
11	Training successfully completed	NISHTHA 1.0, 2.0,3.0 NISHTHA 4.0 Going on

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Digital Library(Classes 9 to 12)

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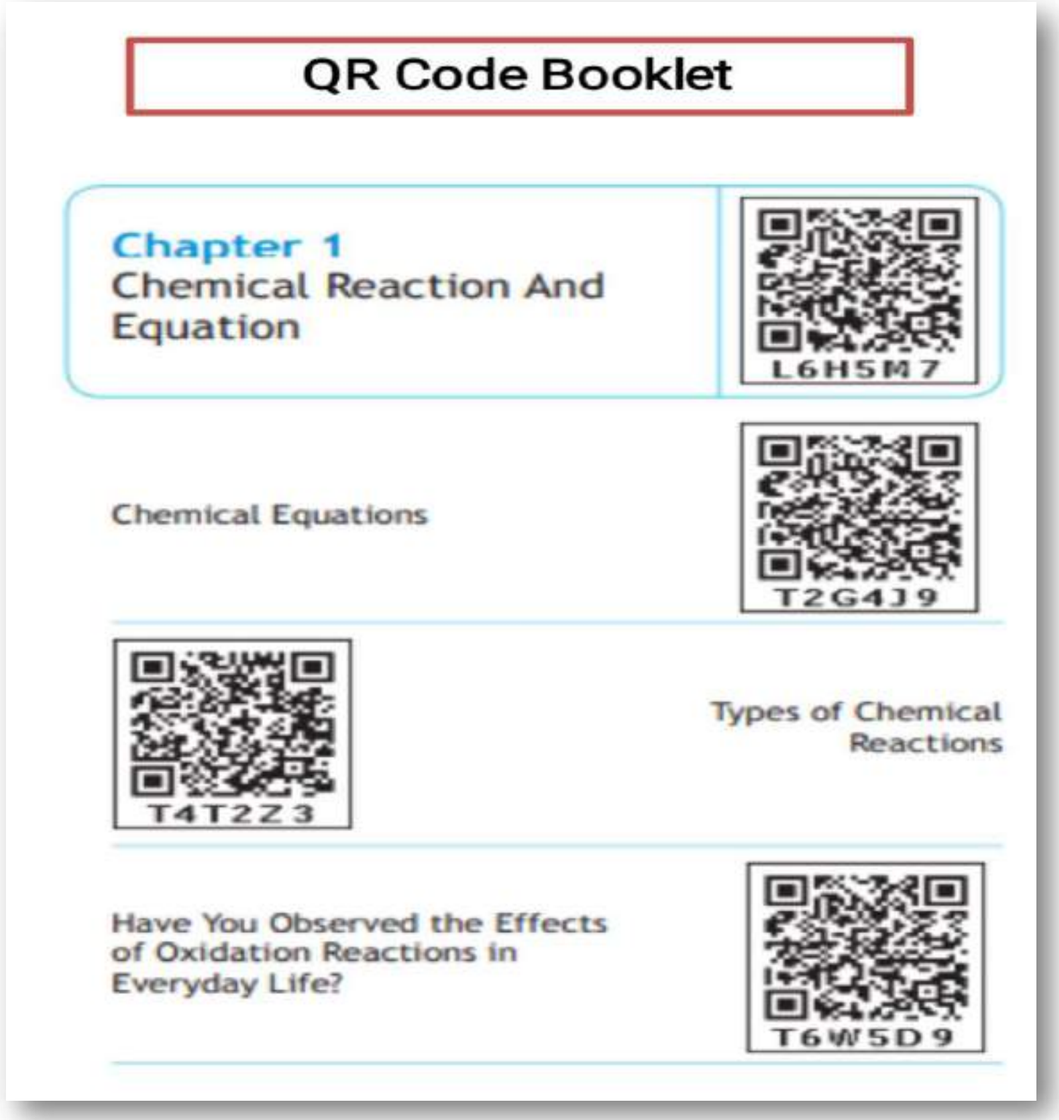
Development of Digital Library for X class

- SCERT Delhi has developed the digital library for 10th Class in the following subjects i.e. Maths, Science, Social Science and English.
- 170 video content pieces uploaded on DIKSHA
- Distribution of Digital Library for class 10 in QR code form (Hardcopy) to be distributed to the teachers.



SCERT Social Media

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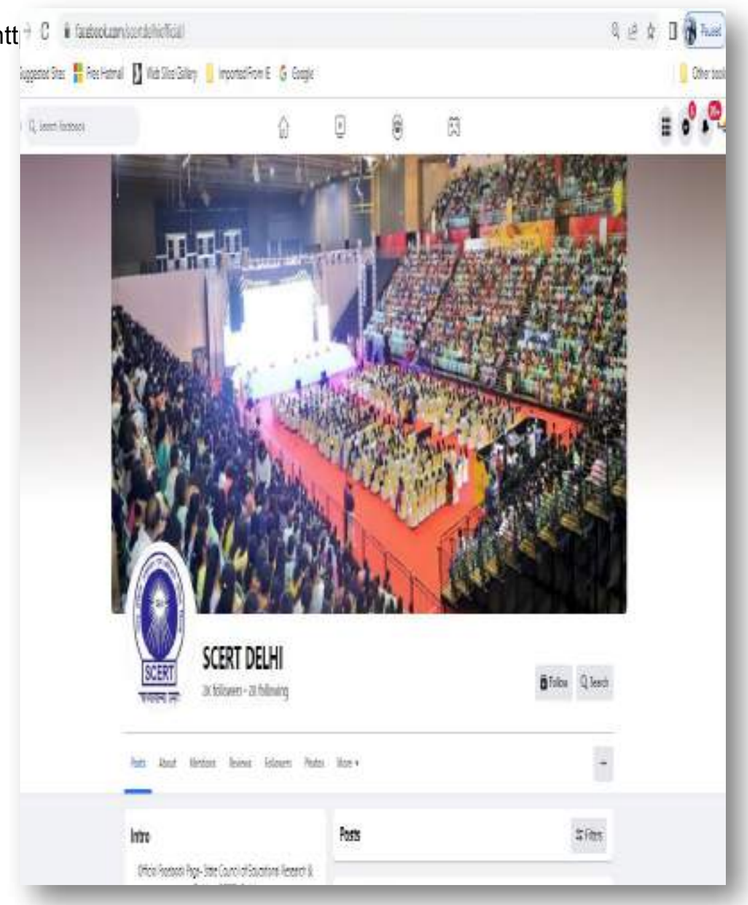

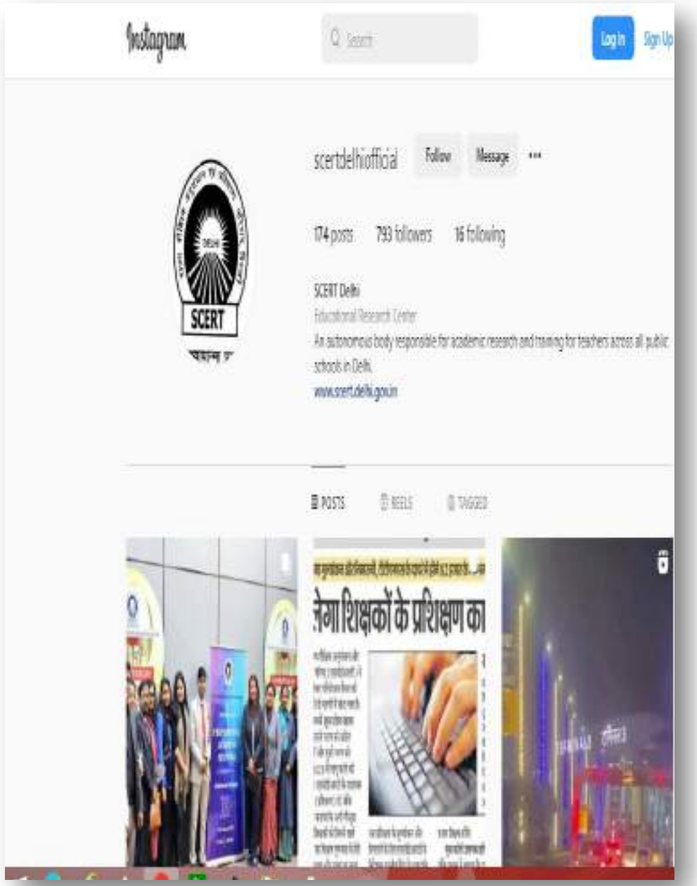

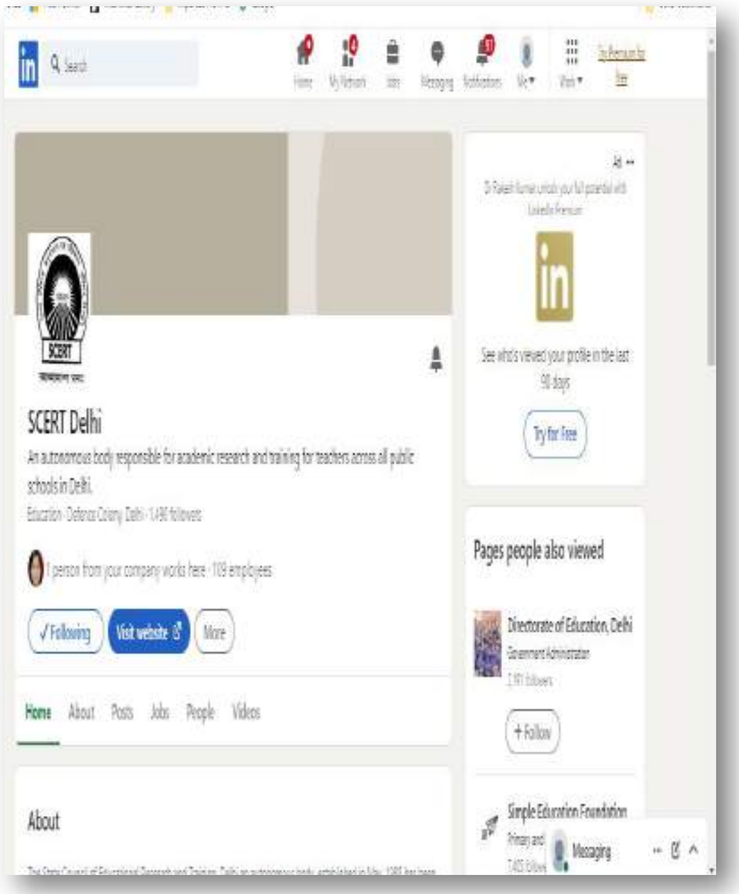

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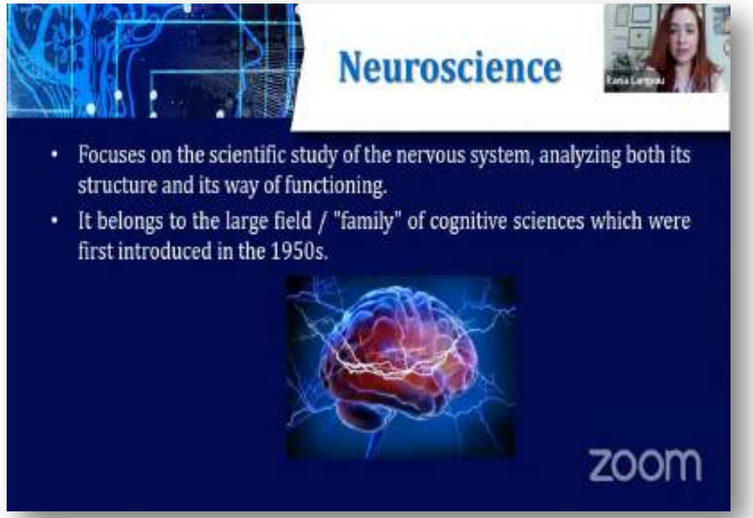
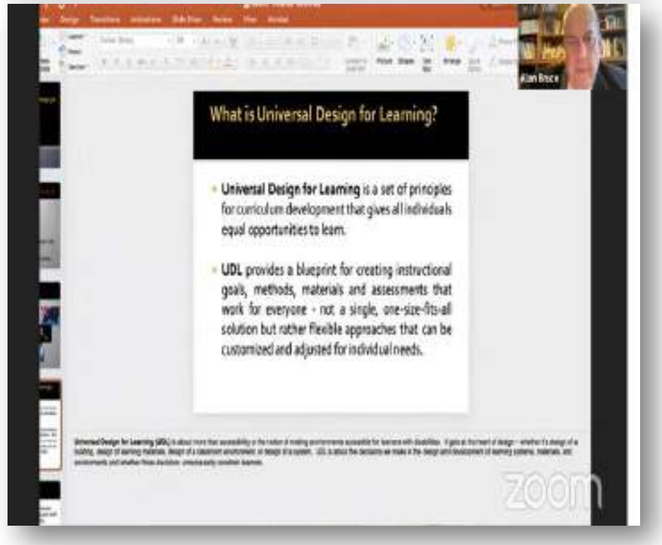
International Webinar

SCERT Delhi has been organised International Webinar on the topics:

1. **Seamless Learning in Education**
2. **Exploring brain-compatible learning: principles and applications"**
3. **Mindfulness Awareness Practice**
4. **Reflection on Digital Immersive Learning**
5. **An overview on Universal Design for Learning**





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National Webinars

SCERT Delhi organised an national Webinar on the topic “Role of Inclusive classroom during school Experience programme”

Online Meetings/Workshops

1. Perspectives on Constructivism: Implications for Classroom Teaching
2. Self Awareness: How to become our own Alchemist

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Research on comparative study of capacity building programmes through online, offline and blended mode of instructions

SCERT Delhi has initiated a research on “a comparative study of learning outcomes and satisfaction of commerce teachers in capacity building programmes through online, offline and blended mode of instructions.”

The objectives of the study are:

1. To study the learning outcomes of teachers in offline, online and blended mode of capacity building programme
2. To Compare the learning outcome of teachers in offline, online and blended mode of capacity building programme.
3. To study the perception of teachers towards capacity building programmes in offline, online and blended mode.
4. To suggest improvement for future Capacity Building Programme in offline, online and blended modes

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TTMS (Teachers Training Management System)

- This online platform will consist of a database of profiles of all teachers within the preview of the program,

- it will provide a data-driven calendar of events/training for teachers (focused on teacher profiles in line with their capabilities and job roles),

- Also offer visibility of available courses: track teacher engagement and feedback on the quality of training.

पहल | प्रशिक्षण का होगा मूल्यांकन और निगरानी, टीटीएमएस के दायरे में होंगे 82 हजार के लगभग शिक्षक

क्लिक पर मिलेगा शिक्षकों के प्रशिक्षण का लेखा-जोखा

ललित कौशिक

नई दिल्ली। शिक्षा की गुणवत्ता में सुधार को लेकर स्कूल शिक्षकों को मिलने वाले प्रशिक्षण का मूल्यांकन और निगरानी की जाएगी। इसके लिए शिक्षक प्रशिक्षण प्रबंधन प्रणाली (टीटीएमएस) को ऑनलाइन किया जा रहा है। एक क्लिक पर शिक्षकों को मिलने वाले प्रशिक्षण का लेखा-जोखा उपलब्ध होगा। इसकी मदद से शिक्षकों की ग्रेडिंग भी होगी।

इसके दायरे में दिल्ली के सरकारी स्कूल से लेकर, दिल्ली नगर निगम और दूसरे निकायों के अधीन आने वाले स्कूलों के शिक्षक होंगे। राज्य शैक्षिक अनुसंधान और प्रशिक्षण परिषद् (एससीईआरटी) ने इसको लेकर परियोजना तैयार की है। इसको दो चरणों में बांटा गया है।

अप्रैल में शुरू होगा पहला चरण : पहले चरण को अप्रैल 2023 में और दूसरे चरण को अगस्त 2023 में लागू करने की तैयारी है। एससीईआरटी के सहायक निदेशक (प्रशिक्षण) डॉ. वीके पाठक ने बताया कि अभी मौजूदा समय में शिक्षकों को मिलने वाले प्रशिक्षण का शिक्षण गुणवत्ता में होने वाले बदलाव और सुधार पर नजर रखने को लेकर कोई प्रभावी तंत्र नहीं है।

पूरी संकल्पना तैयार की गई : उस प्रशिक्षण के मूल्यांकन और निगरानी के लिए एससीईआरटी के निदेशक रजनीश सिंह के मागदर्शन में टीटीएमएस को लेकर पूरी संकल्पना तैयार की गई है। टीटीएमएस के दायरे में लगभग 82 हजार शिक्षक होंगे।

मूक कोर्स उपलब्ध होंगे : डॉ. वीके पाठक ने बताया कि इस आधार पर शिक्षकों की ग्रेडिंग भी होगी। शिक्षकों को ऑनलाइन प्रशिक्षण भी मिलेगा। अलग-अलग मूक कोर्स शिक्षकों के लिए उपलब्ध होंगे। साथ ही ऑफलाइन प्रशिक्षण की व्यवस्था को तैयार करने में मदद मिलेगी। भविष्य में इस प्रणाली से निजी स्कूल के शिक्षकों को भी जोड़ने की संभावना है।

संभावनाओं को तलाशा जाएगा

पहले चरण में शिक्षकों के प्रोफाइल से लेकर उनकी शिक्षण गतिविधियों और प्रशिक्षण को शामिल करेंगे। दूसरे चरण में शिक्षकों को मिलने वाले प्रशिक्षण के जरिए उसमें भविष्य में होने वाले सुधार की गुंजाइश की संभावनाओं को तलाशा जाएगा। प्रशिक्षण का शिक्षक पर क्या प्रभाव पड़ा उसका आंकलन करेंगे। देश में पहली बार किसी राज्य में इस तरह का अनूठा कदम शिक्षकों के प्रशिक्षण के मूल्यांकन को लेकर उठाया जा रहा है।

क्लिक पर मिलेगा शिक्षकों के प्रशिक्षण का लेखा-जोखा

नई दिल्ली, वरिष्ठ संवाददाता। शिक्षा की गुणवत्ता में सुधार को लेकर स्कूल शिक्षकों को मिलने वाले प्रशिक्षण का मूल्यांकन और निगरानी की जाएगी। इसके लिए शिक्षक प्रशिक्षण प्रबंधन प्रणाली (टीटीएमएस) को ऑनलाइन किया जा रहा है।

एक क्लिक पर शिक्षकों को मिलने वाले प्रशिक्षण का लेखा-जोखा उपलब्ध होगा। इसकी मदद से शिक्षकों की ग्रेडिंग भी होगी। इसके दायरे में दिल्ली के सरकारी स्कूल से लेकर, दिल्ली नगर निगम और दूसरे निकायों के अधीन आने वाले स्कूलों के शिक्षक होंगे। राज्य शैक्षिक अनुसंधान और प्रशिक्षण परिषद् (एससीईआरटी) ने इसको लेकर परियोजना तैयार की है। इसको दो चरणों में बांटा गया है। अप्रैल में शुरू होगा पहला चरण : पहले चरण को अप्रैल 2023 में और दूसरे चरण को अगस्त 2023 में लागू करने की तैयारी है।

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Digital Infrastructure

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Studio at SCERT

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Smart Classroom in B.ED

Camera for Live Recording of class with mic

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HAPPINESS CURRICULUM

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OBJECTIVE: Students become more self-aware, mindful, reflective, critical thinkers so they are better prepared to face the challenges of the 21st century and are enabled to live harmoniously with self, family, and society.

COMPONENTS OF HAPPINESS CURRICULUM

- Mindfulness
- Stories
- Activities
- Expression

Deshbhakti Curriculum

VISION & OBJECTIVES

During the celebration of India's 73rd Independence Day in 2019, the Hon'ble Chief Minister of Delhi announced his ***plan to introduce Deshbhakti Curriculum in government schools*** *to help students become "true patriots".*

During the 2021 Delhi Budget, the Hon'ble Deputy Chief Minister ***announced the introduction of the 'Deshbhakti Curriculum' to instill the spirit of patriotism and nationhood among every child*** *studying in Delhi Government schools and prepare them to be responsible citizens who shall contribute to nation-building.*

Objective 1 *- Each and every child must feel pride for the nation. Children must be taught about the glories of the country.*

Objective 2 *- Each child must be made aware of their responsibility and duty towards the country.*

Objective 3 - Instil among children the commitment to be prepared to contribute and also sacrifice for the nation.

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Directorate of Education Website

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DoE at a Glance

1043	Number of school
70,000(approx.) **Including regular & Guest teachers**	Number of Teachers
18,00,000 (approx.)	Number of students

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IT Branch- MIS/CAL/CEP cell

- Directorate Education has already established its MIS **two(02)** decades before
- Proud to be leading in the race of Digital initiatives
- **MIS** – Development & Maintenance of MIS Applications
- **CAL** - Development of Videos& posters etc also Master Trainer for UDISE.
- **CEP** - Deployment of IT Asstts. & DEOs to Schools and Branches
- **TGT/PGT(Computer Science) Teachers Team** – to development & Maintenance Web Based Applications & Mobile Apps using the latest technologies. Database Migration & Dashboard

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Employee Information System

- Online Attendance
- Promotion for TGT to PGT module
- Vigilance
- Library Management System
- Promotion for Asstt. Teacher to TGT
- Post fixation
- APAR
- ACP/ MACP

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Student Module

- Online EWS applications modules
- Online Admission (Plan/Non-Plan)
- New Admission Module for RPVV /SOE Schools.
- UDISE Plus

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Education Department
Govt. of NCT of Delhi

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Welcome,
RAKESH KUMAR GUPTA(20171683)

- Personnel
- School Plant
- Important Links

:- SCERT Training

:- Applications for Primary Branch of DoE

:- Application for Core Academic Unit of DoE

- Mentor Teacher Application Form for the session 2022-24
- EIS
- Report
- EMC

You logged 1273 times

- PROJECTOR USER MANUAL
- Employees Family Details
- COMPUTER AIDED LEARNING (CAL) PROGRAMME
- Formats for Confidential Reports of Recognised Schools @ Act Branch
- Online Additional Funds Allocation @ Budget Branch
- Regarding Fire Safety Information
- Mail to the Minister of Education
- ASG Files
- IEDC (Integrated Education for Disabled Children) Scheme
- Declaration of Head of School
- NATIONAL TALENT SEARCH EXAMINATION (NTSE)
- COMPUTER EDUCATION PROJECT (CEP)
- Seniority
- Regarding Online ACR
- OFFICE COMPUTERISATION PROJECT (OCP)
- Inspection Schedule/Report for Schools & Offices
- ACP
- OUTSOURCING OF SANITATION
- RECRUITMENT RULES
- Regarding Digital Signature
- CPSA Result 2018-19
- SCERT Newsletter PANORAMA
- Post Based Roster of PGTs
- Post Based Roster of TGT (MIL)/ (L T) Female
- Post Based Roster of TGT (MIL)/ (LT) Male
- Post Based Roster of TGT Male and Female
- Post Based Roster of EVGC
- Final Post Based Roster in Respect of TGT/TGT (MIL)
- Post Based Roster in Respect of EVGC
- Updated Post Based Roster of PGTs
- Regarding Uploading of Sanction Orders @ PFC Branch
- Regarding Uploading of Sanction Orders @ PFC Branch (16.08.2017)
- Conversion of 308 Posts of Assistant Teacher (Nursery) into Permanent One @ PFC Branch (31.10.2017)
- Creation of 561 Posts of Ayah (Group C Non-Gazetted) under MTS Category in DoE, GNCTD (01.11.2017)
- Regarding Uploading of Sanction Orders @ PFC Branch (06.04.2018)
- Post Based Roster of PGT (PwD) (Male)
- Post Based Roster of PGT (PwD) (Female)
- Post Based Roster of PGT Male (Dated-17.12.2018)
- Post Based Roster of PGT Female (Dated-17.12.2018)
- Post Based Roster of PGT Male (DR) (Dated-21.12.2018)
- Post Based Roster of PGT Female (DR) (Dated-21.12.2018)

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Online Applications

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Mobile Apps (DOE Delhi app)

Online NOC - Leave for Aboard

Online Leave Management for Employee

Sharing Messages like SMS, Whatsapp to Students/Teachers for online study materials.

Alumni Portal.

e-Patrachar portal.

EMC Web portal for Teacher & Student training for SCERT

National Talent Search Exam (NTSE)/Mukhyamantri Vigyan Pratibha Pariksha (MVPP)/ National Means cum Merit Scholarship Examination(NMMSE) web application

All School Websites (http://doe.delhi.gov.in)

Delhi Board School Education(DBSE) (http://dbse.delhi.gov.in)

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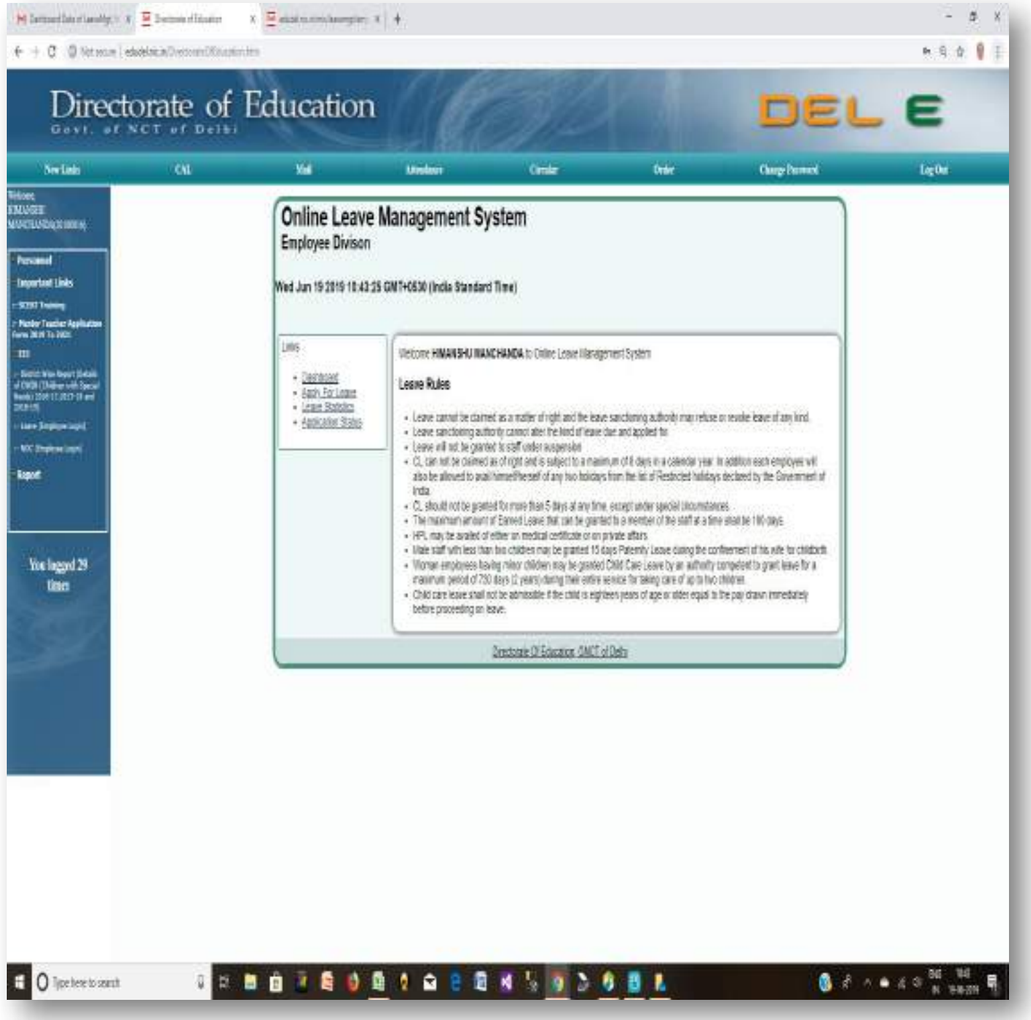
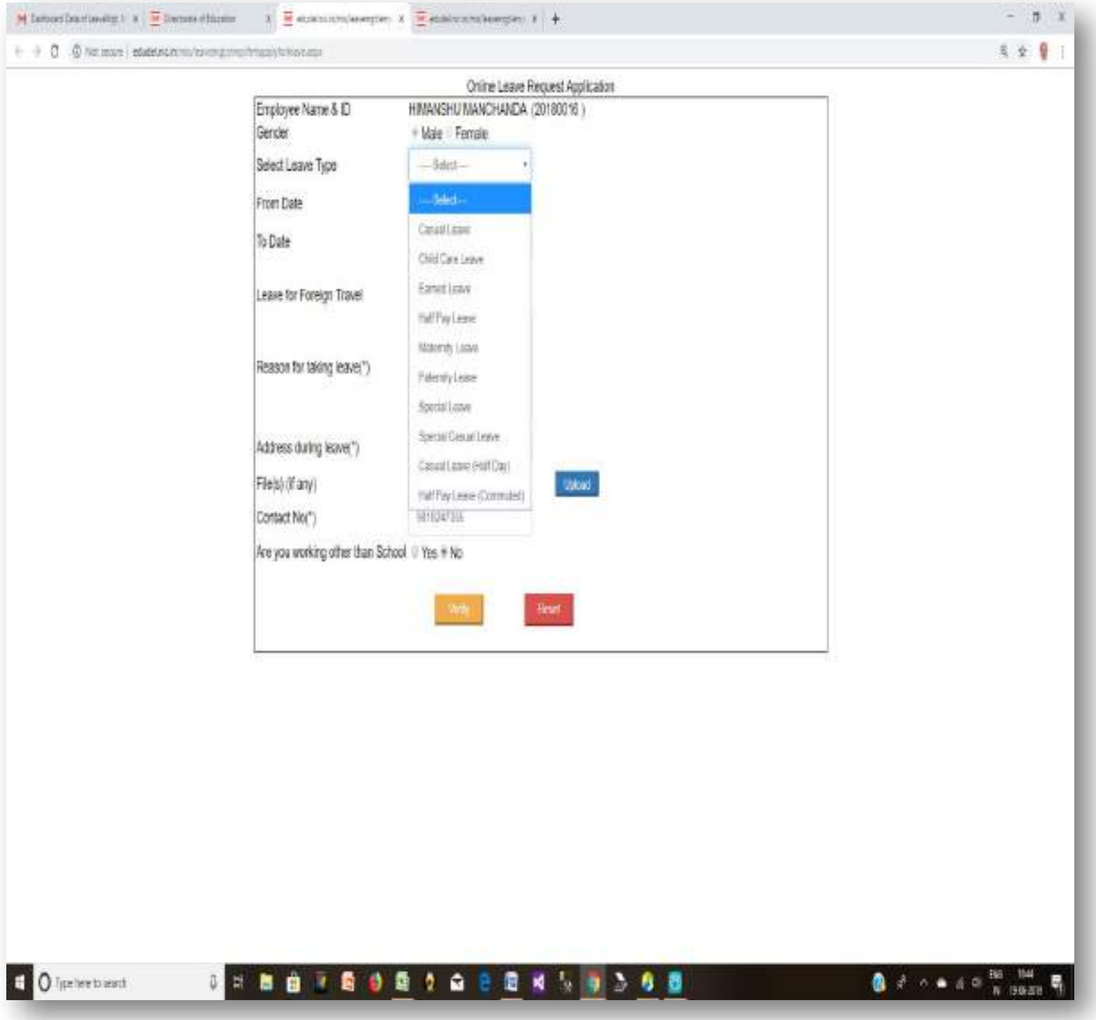
Online Leave Management



Apply Leave



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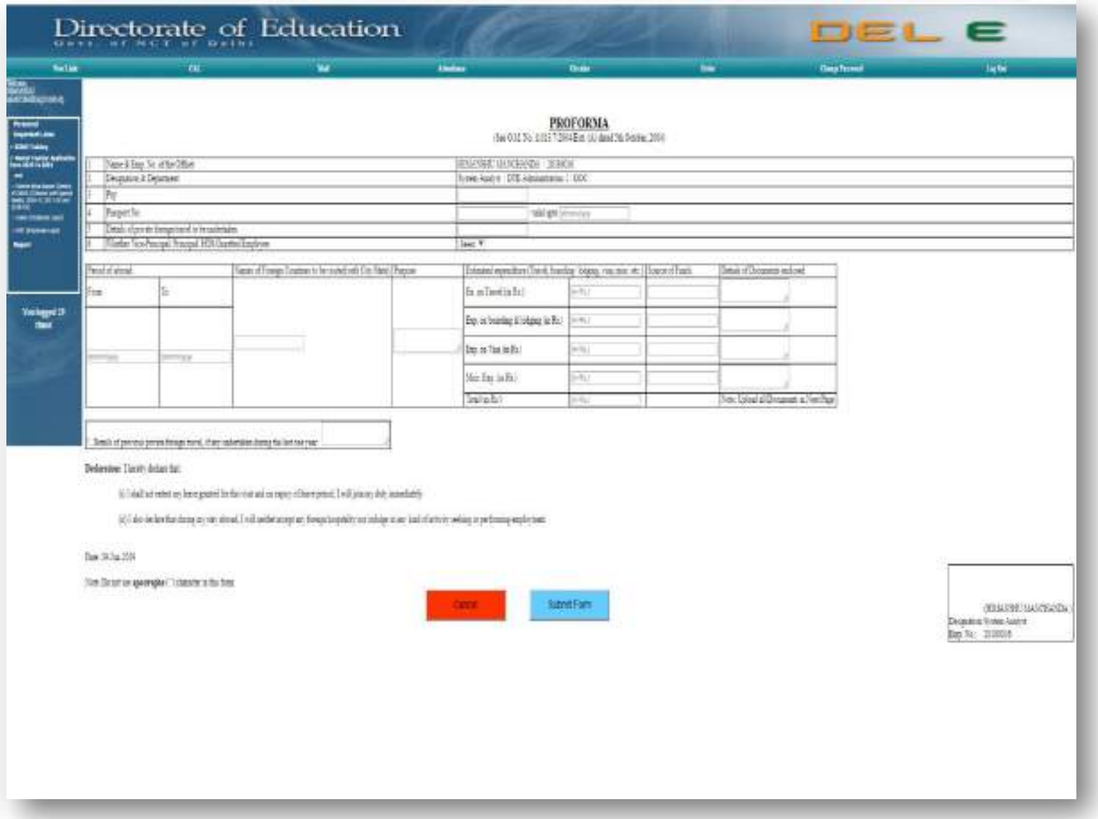
Online NOC Application



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DOE Alumni Portal

An initiative taken to reconnect all Alumnus of Directorate of Education.

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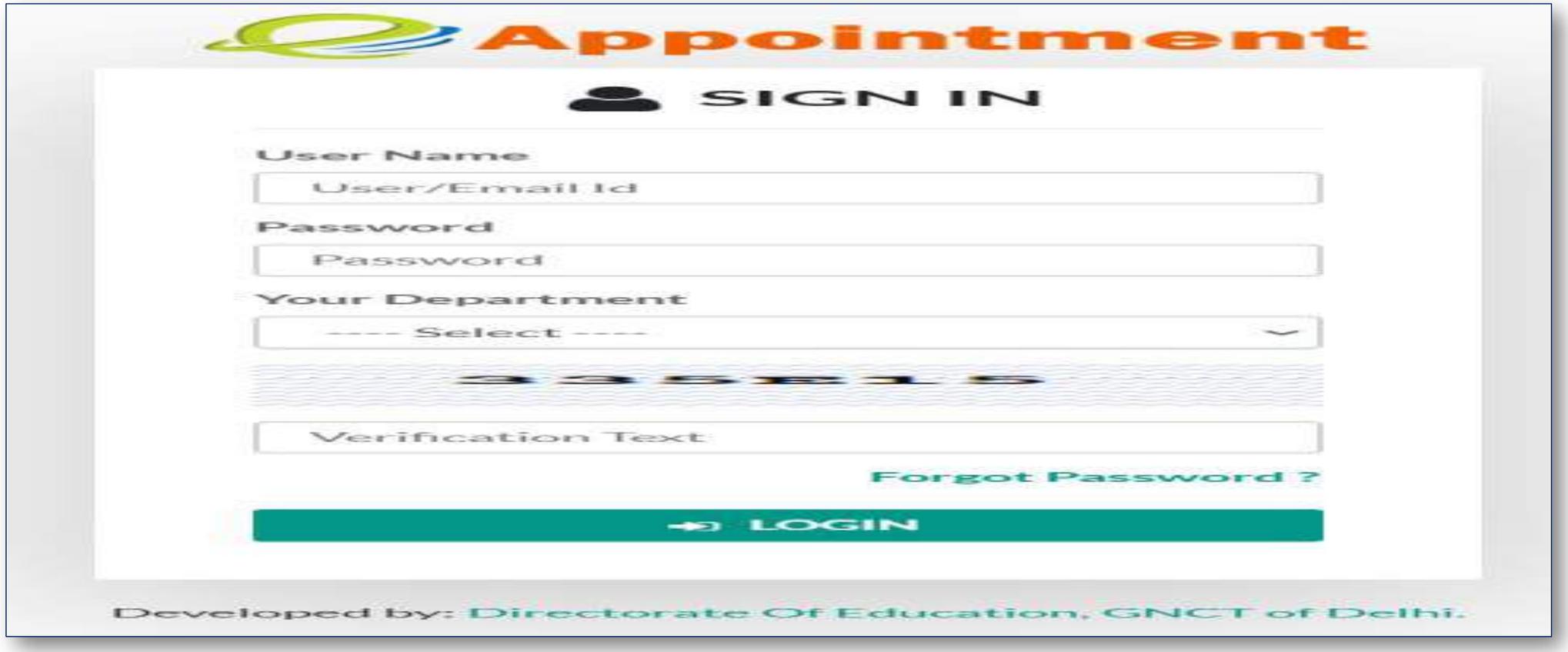
E-Appointment Web Application

Web Application developed to digitalize recruitment process for all departments of GNCT of Delhi (https://eappointment.delhi.gov.in)



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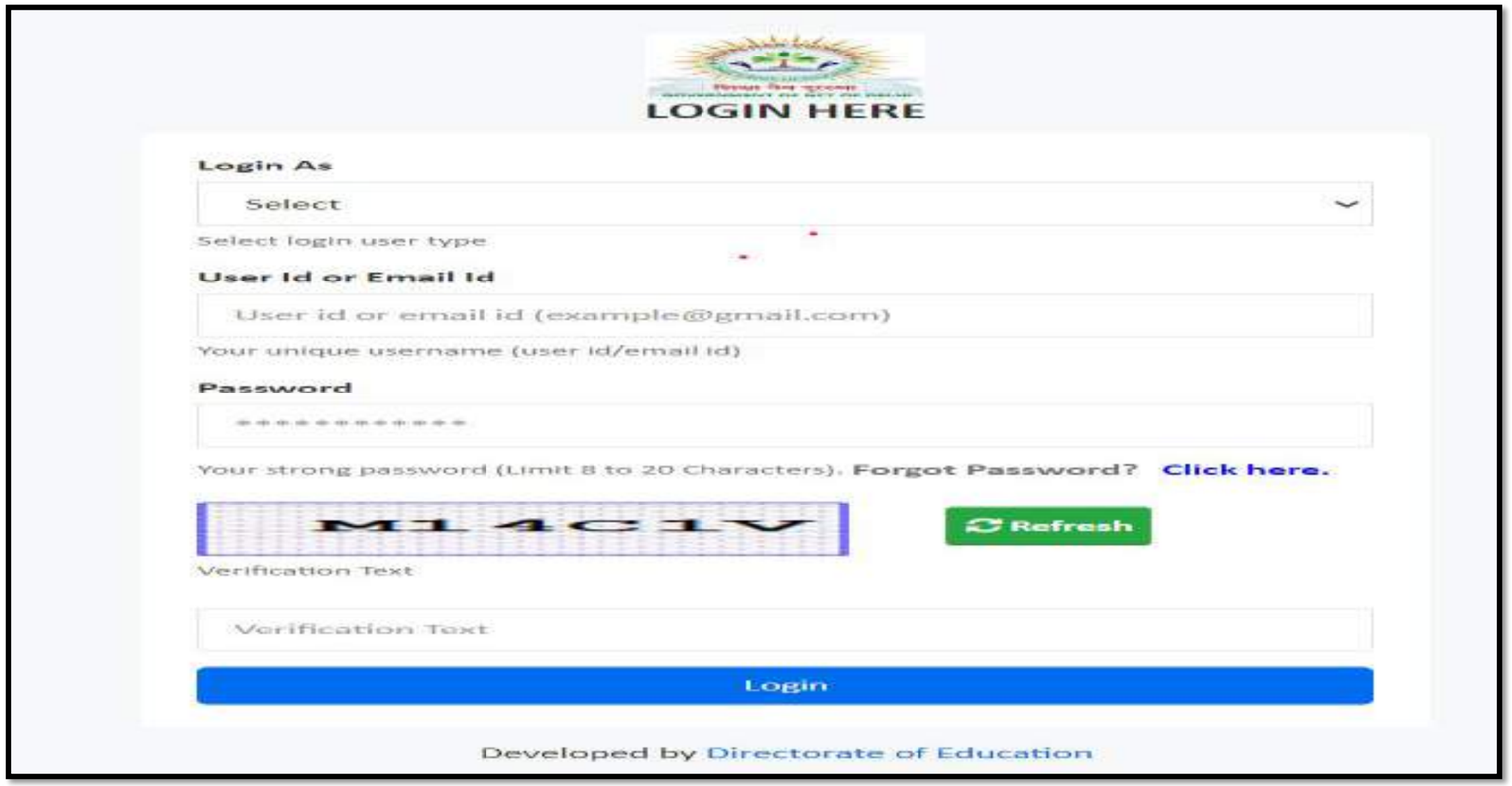
E-Patrachar Web Application

Web Application developed to digitalize admission process in Patrachar Vidyalaya, DOE (http://edudel.nic.in/epatracharnew/index.aspx)



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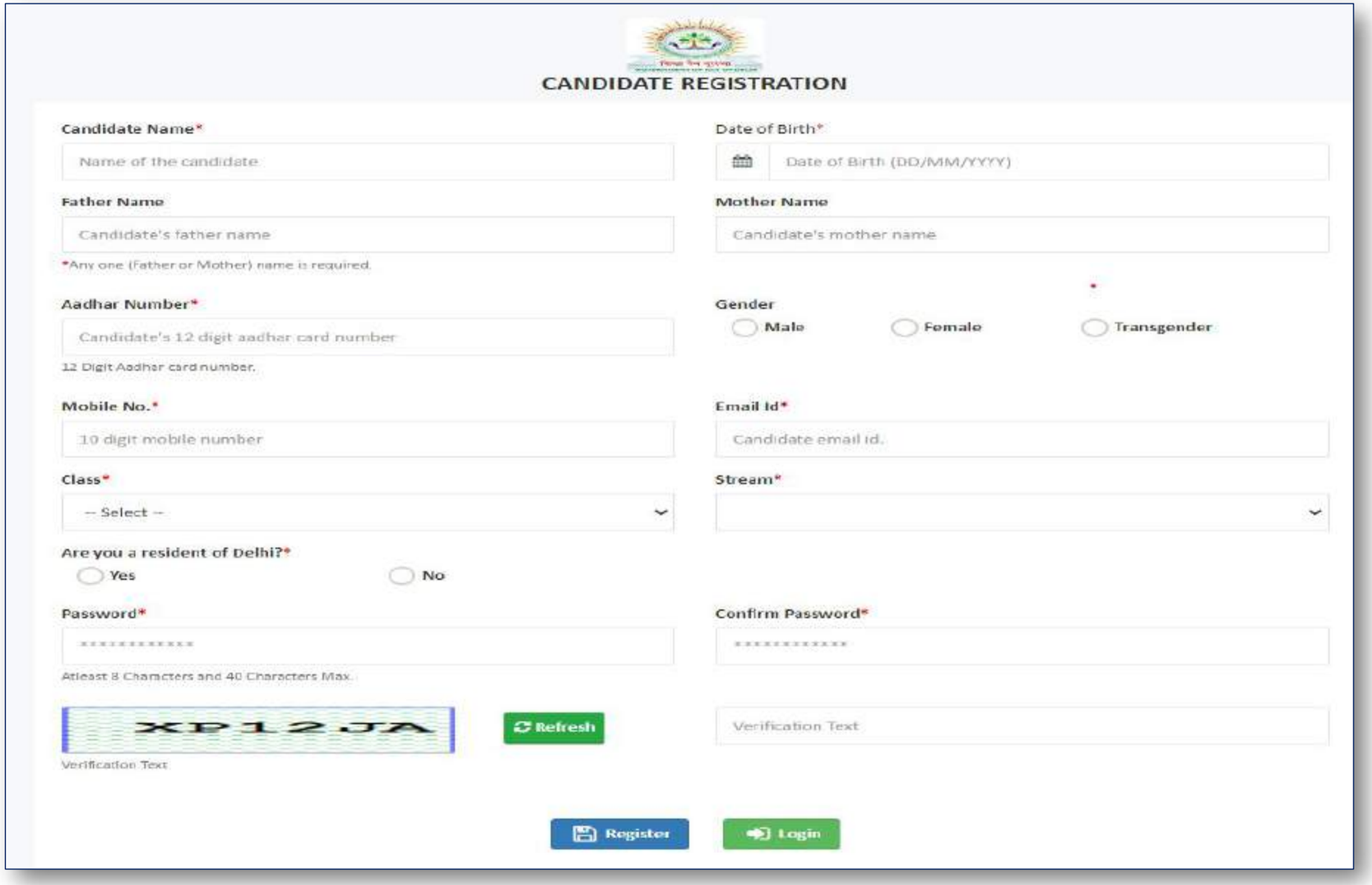
Registration Form for admission in Patrachar Vidyalaya



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Technical support

- MIS system has covered **all MCDs** and **Social Welfare Department** Schools for Student information System & Employee Information system.
- Technical Support and development of various applications for **DCPCR.**
- Technical Support and development of various applications for **Samagra Shiksha(SS)** Delhi.
- **e-Appointment application has developed for DSSSB & Services Department for deployment of employees to various department of Govt. of NCT of Delhi after candidates selected by DSSSB.**
- Established Aadhar Enrollment Centre in all **29 zones**

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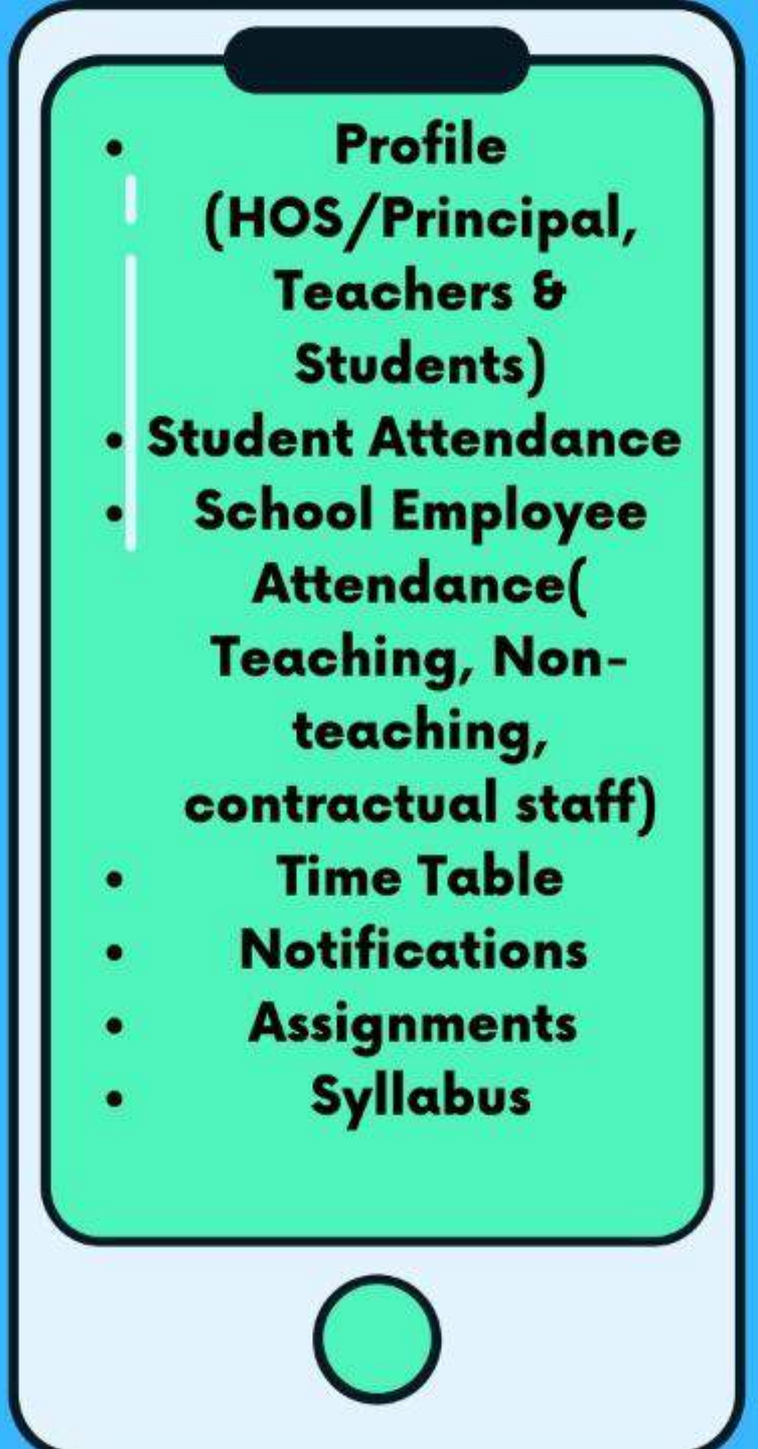
DOE Mobile App



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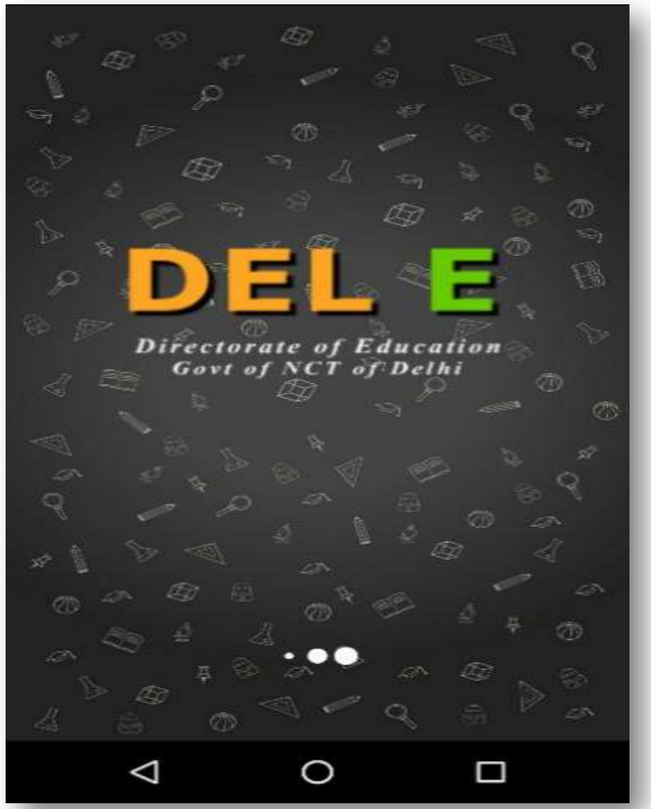
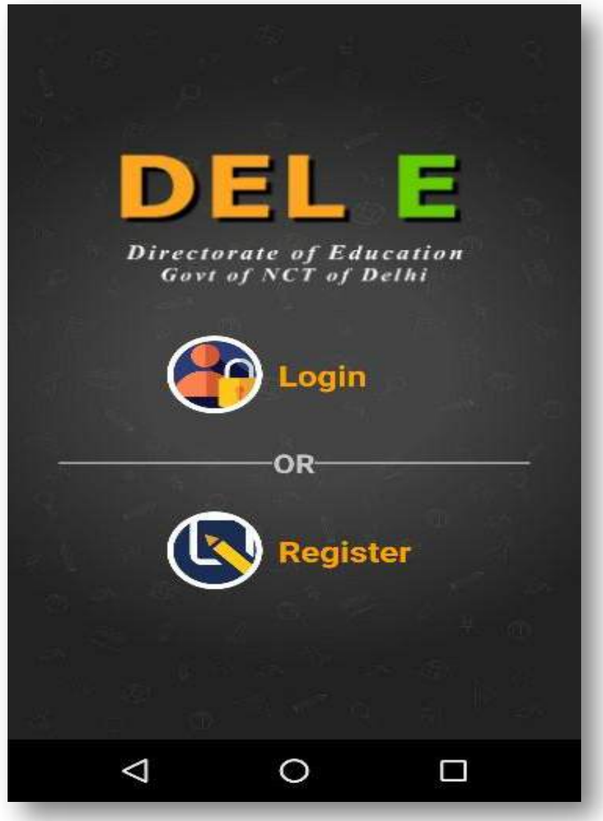
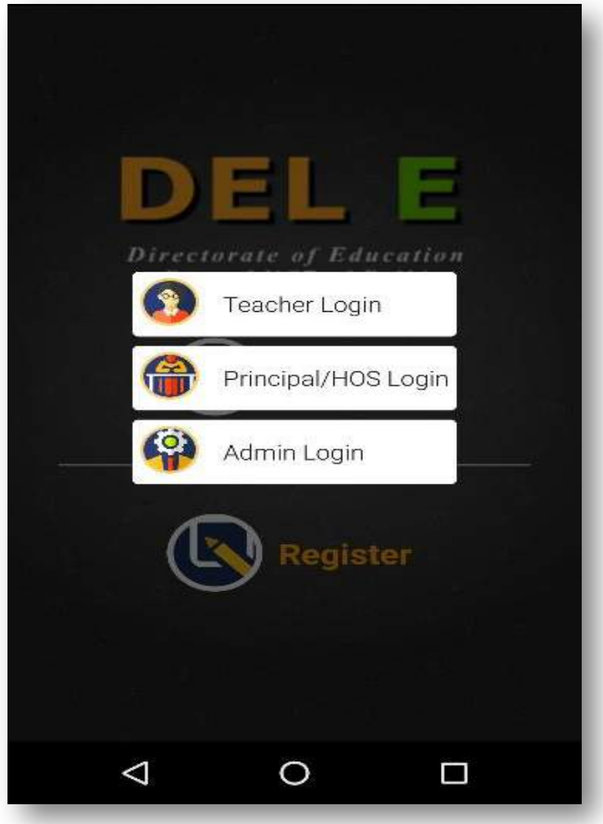
Welcome Screen of Application







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Dashboard/Home Screen

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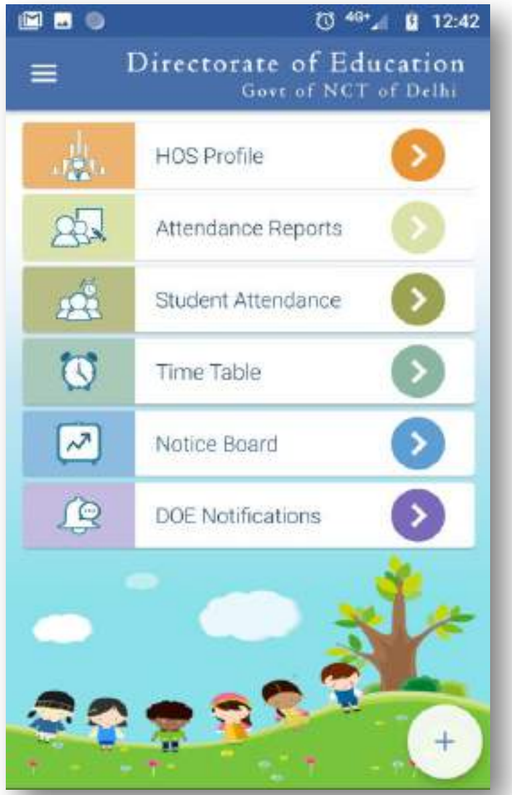
At Splash screen , it is checked whether the user is a teacher, principal or Admin and directed to the homepage accordingly .

Principal Home Page



Admin Dashboard

Teacher Dashboard

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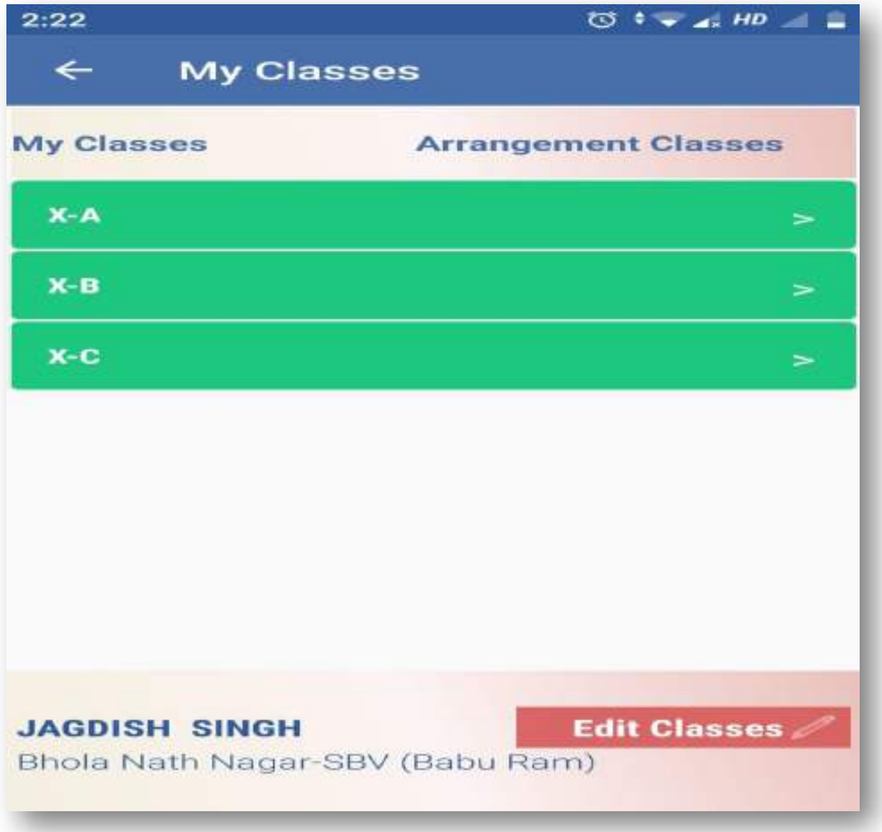
Classes

The teacher can view all the classes that he teaches including the details of the student all the details of each of the students can be easily viewed from this page.



S.No.	ID	Name
1	20090013826	PRASHANT PALIWAL
2	20090058287	PRASHANT
3	20090096744	DEEPANSHU
4	20090213626	JATIN KUMAR
5	20090231591	YASH KUMAR
6	20090331950	ADITYA KISHORE
7	20110091424	SAMYAK JAIN
8	20120031212	VINAY

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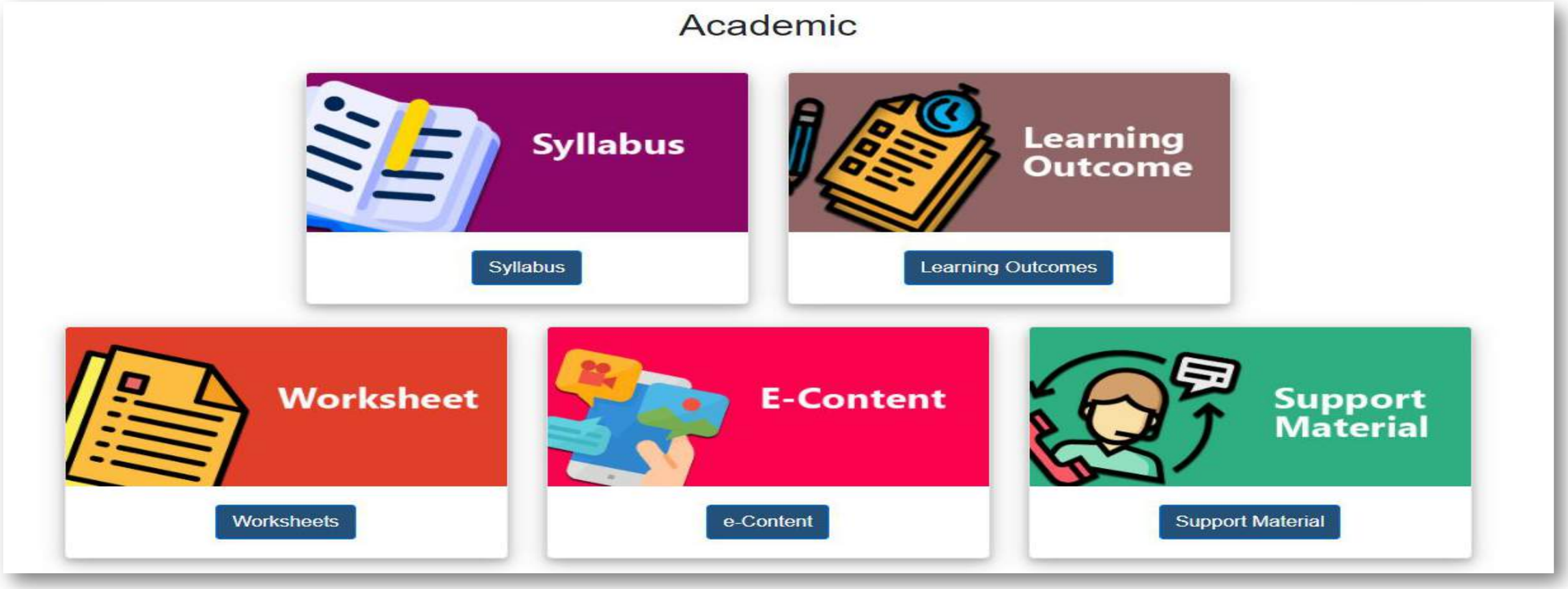
DoE-AVAILABLE RESOURCES



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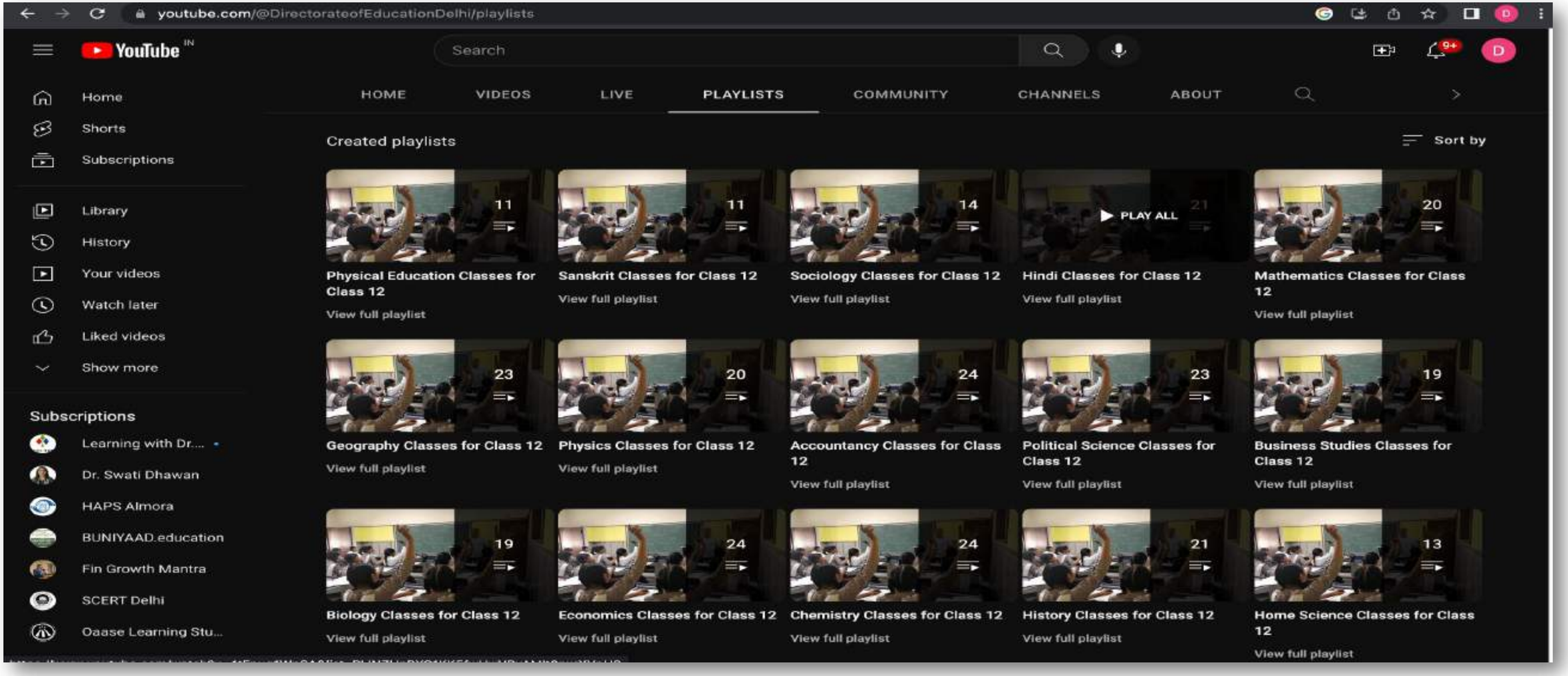
DOE ONLINE CLASSES on YouTube



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Virtual Book Fair (Library Branch)

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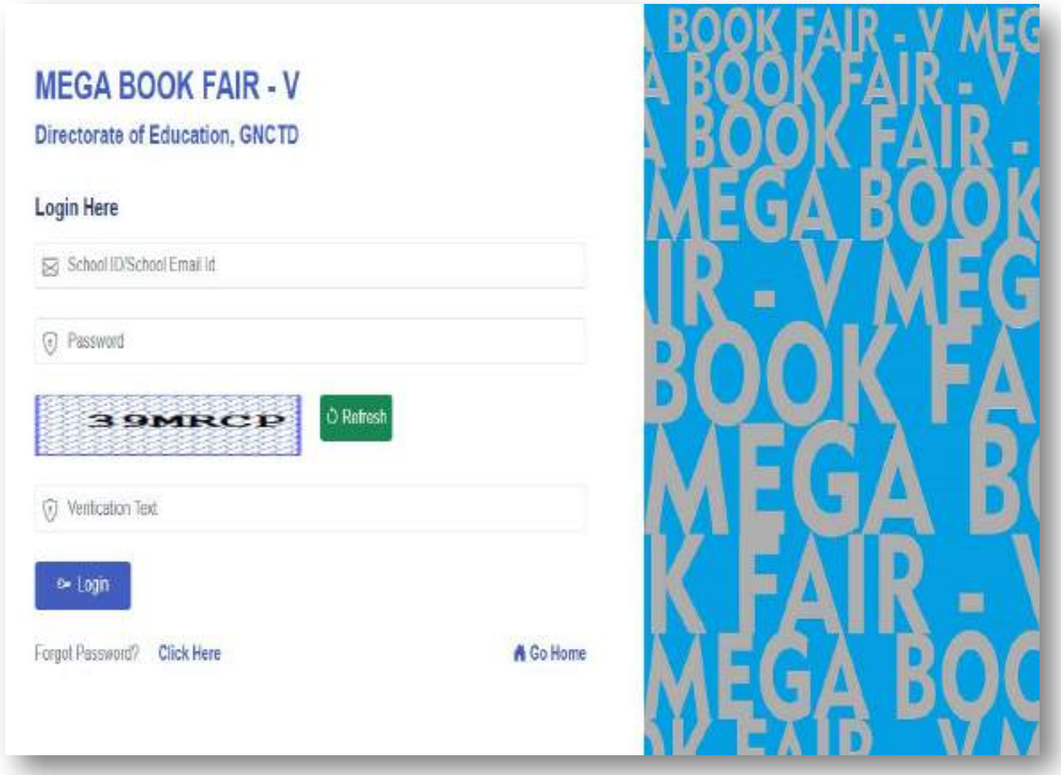
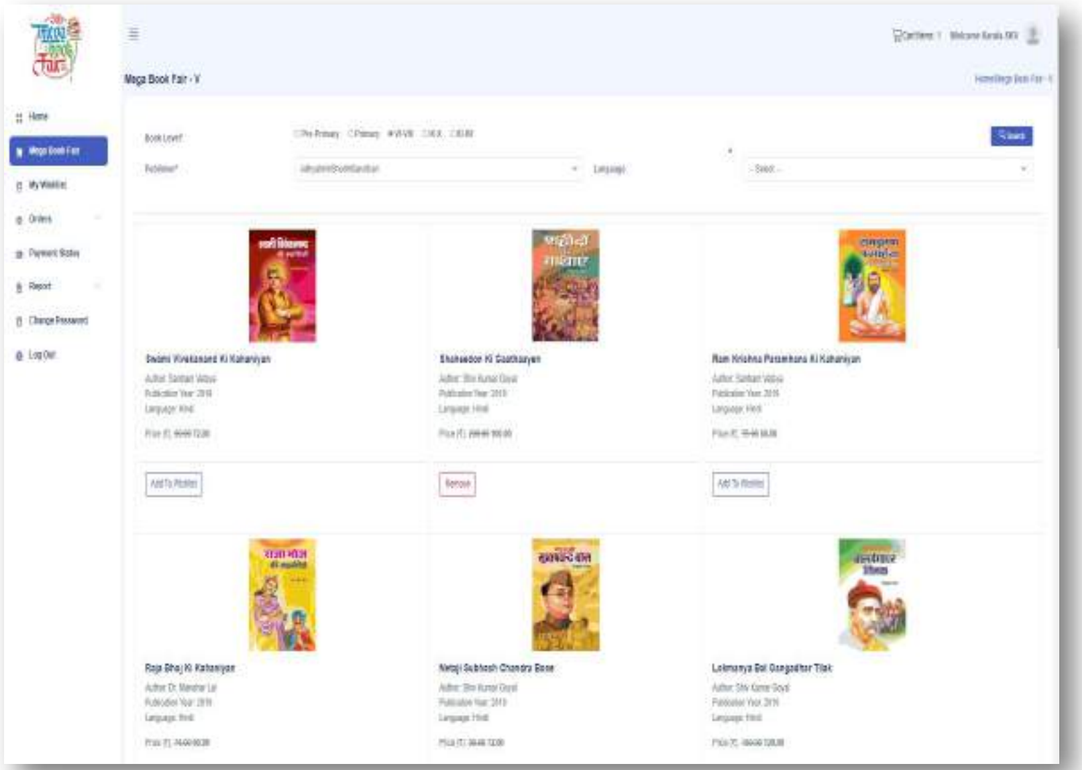
Web Application developed to digitalize mega book fair organized by Library Branch for all DOE schools to buy books for school libraries.

Login Screen



Virtual Book Fair Screen



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Connected Classroom Solution

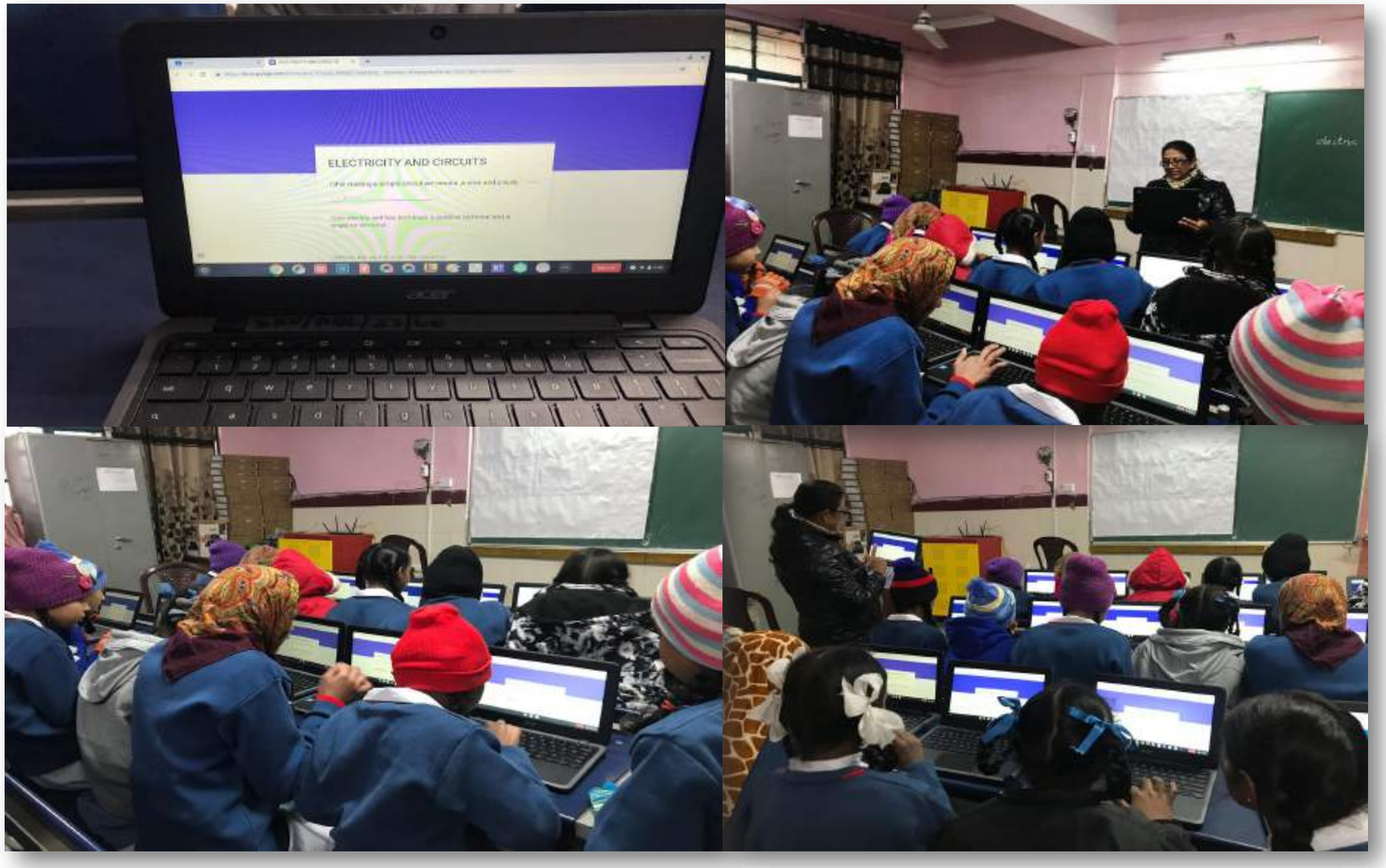
One connected classroom in each school with 35 chrome books (Total - 55 schools)

Delhi Connected Classroom: Activities

Quiz competition of "Electricity & Circuits " for Students in Connected Classroom on Chromebook using Google Forms

School Name - Govt. Sarvodaya Kanya Vidyalaya

Address - Paharganj, Aram Bagh Lane, New Delhi



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Delhi Connected Classroom: Activities

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Regular Classes activities in Connected Classroom from various schools of Delhi

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About Solution Architecture- LAB MODEL

"Digital learning zones for teachers & students to experience 21st century skills i.e. Critical Thinking, Communication, Collaboration & Creativity"

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Digital Classroom

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Objective

- Revolutionize the Teaching-Learning process in the schools by setting up of innovative IT enabled education solution
- Enable a technology driven learning environment in schools with an ingenious combination of technology and curriculum mapped content
- Empower the teachers of schools in acquiring IT skills and to feel confident in using IT as an effective teaching tool
- Facilitate overall development of the students by providing them access to the world of information and modern teaching methodologies

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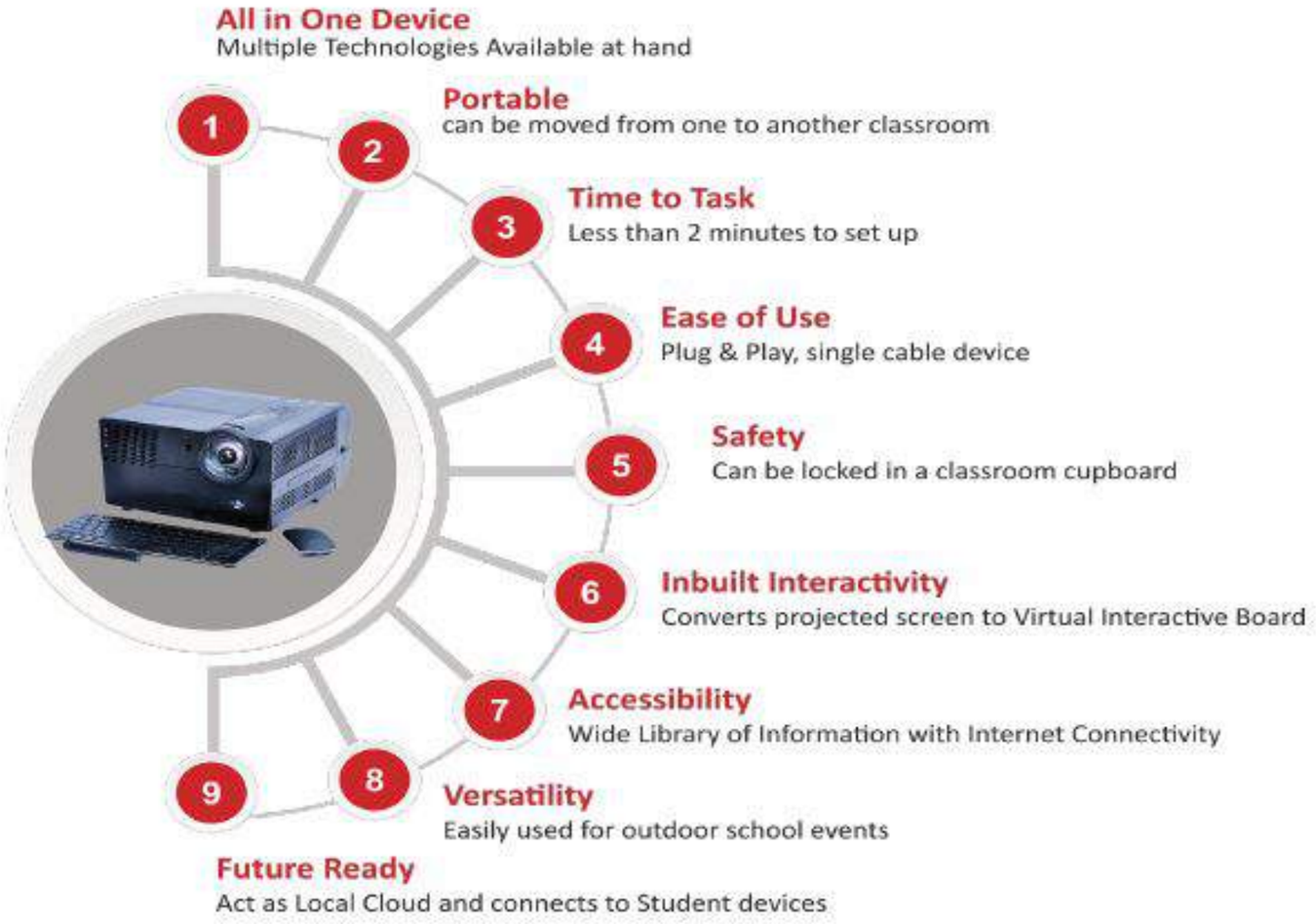
Digital Board Solution Components

K-YAN: ALL IN ONE TEACHING DEVICE



INTERACTIVE MULTIMEDIA CONTENT

For the teachers, by the teachers

- Multimedia Learning Modules designed to strengthen concept based learning.
- Comprises of supplementary tools like Exploriments and Science Videos

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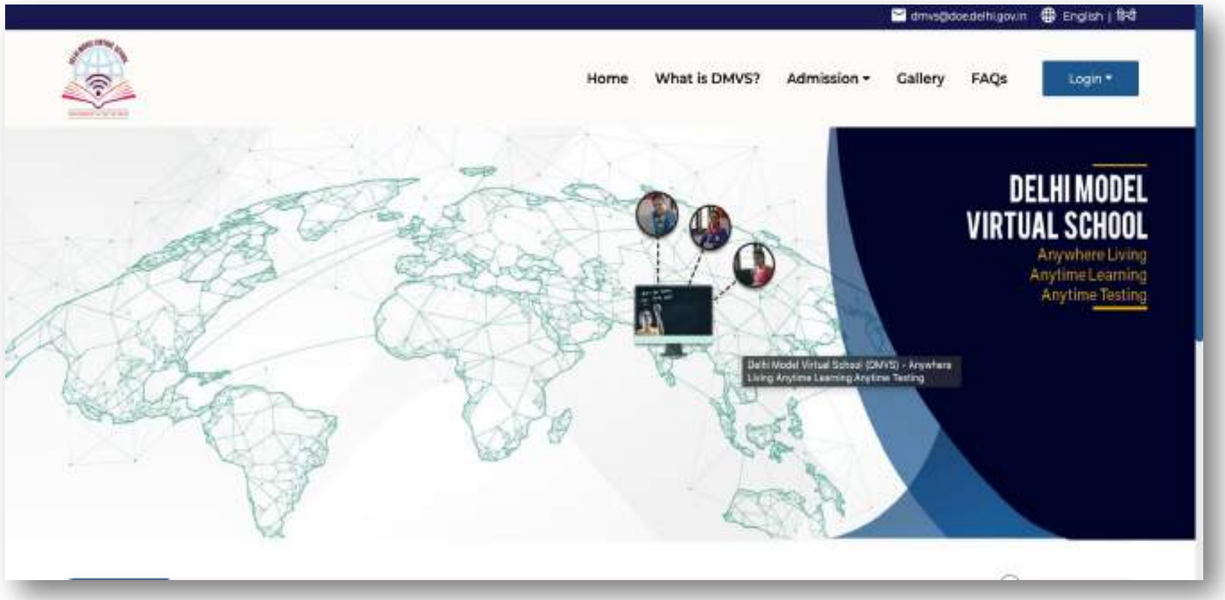
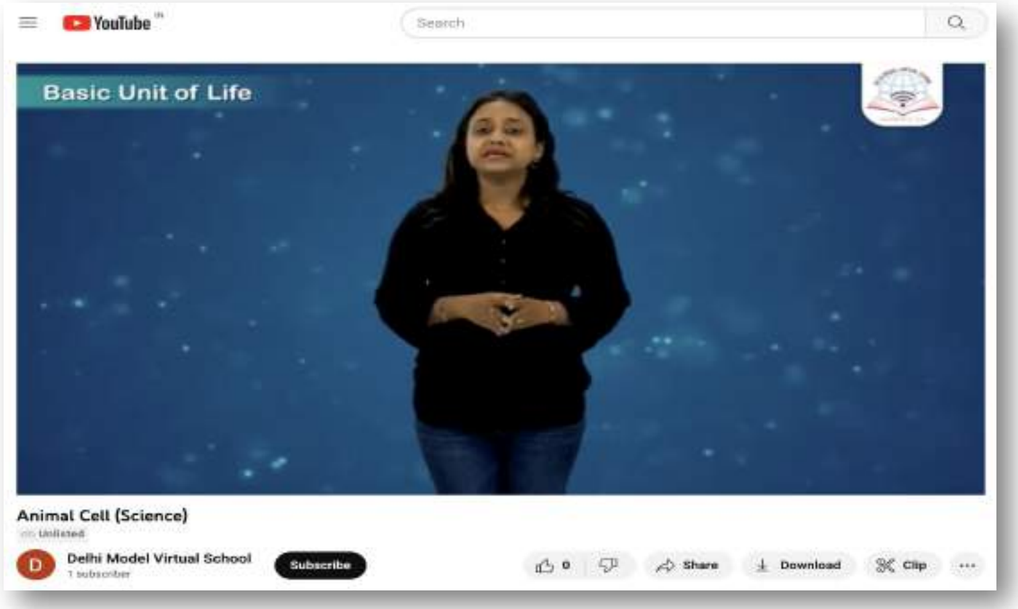
DELHI MODEL VIRTUAL SCHOOL

Delhi Model Virtual School is first of its kind virtual school that will strive to provide excellent education to students remotely through personalized teaching-learning and use of cutting edge technology. It will ensure learning opportunities for all under the principle of "anywhere living, anytime learning, anytime testing."





DMV School Design

Delhi Model Virtual School (DMVS) has been conceptualised with the vision to ensure that a flexible model of teaching-learning is available to all students allowing them to learn at anytime, at their own pace from any location and test their skills at their convenience

School Design Elements

- Schooling platform - Student, teacher, admin level login having numerous features, some of which are:
  - Class schedule
  - Live classes links
  - Interactive library with all recorded videos and e-material
  - Query resolution centre
  - Assignment submission section

- Live classes per day for different subjects
- Content also delivered via recorded videos (async content videos + recorded live classes), e-reading material as per DBSE
- Daily tutorials for doubt resolution
- One on one mentoring for academic and personal support to students
- 6 Subjects for Class 9: English, Hindi, Mathematics, Science, Social Science, Computer Science
- Co - curricular (Art & Craft, Music, Dance, Yoga & Sports) period per week
- Assembly & Zero period every alternate day for classes of Deshbhakti, EMC, Happiness Curriculum
- Assessments as per DBSE - internals taken online and term exams in person in Delhi

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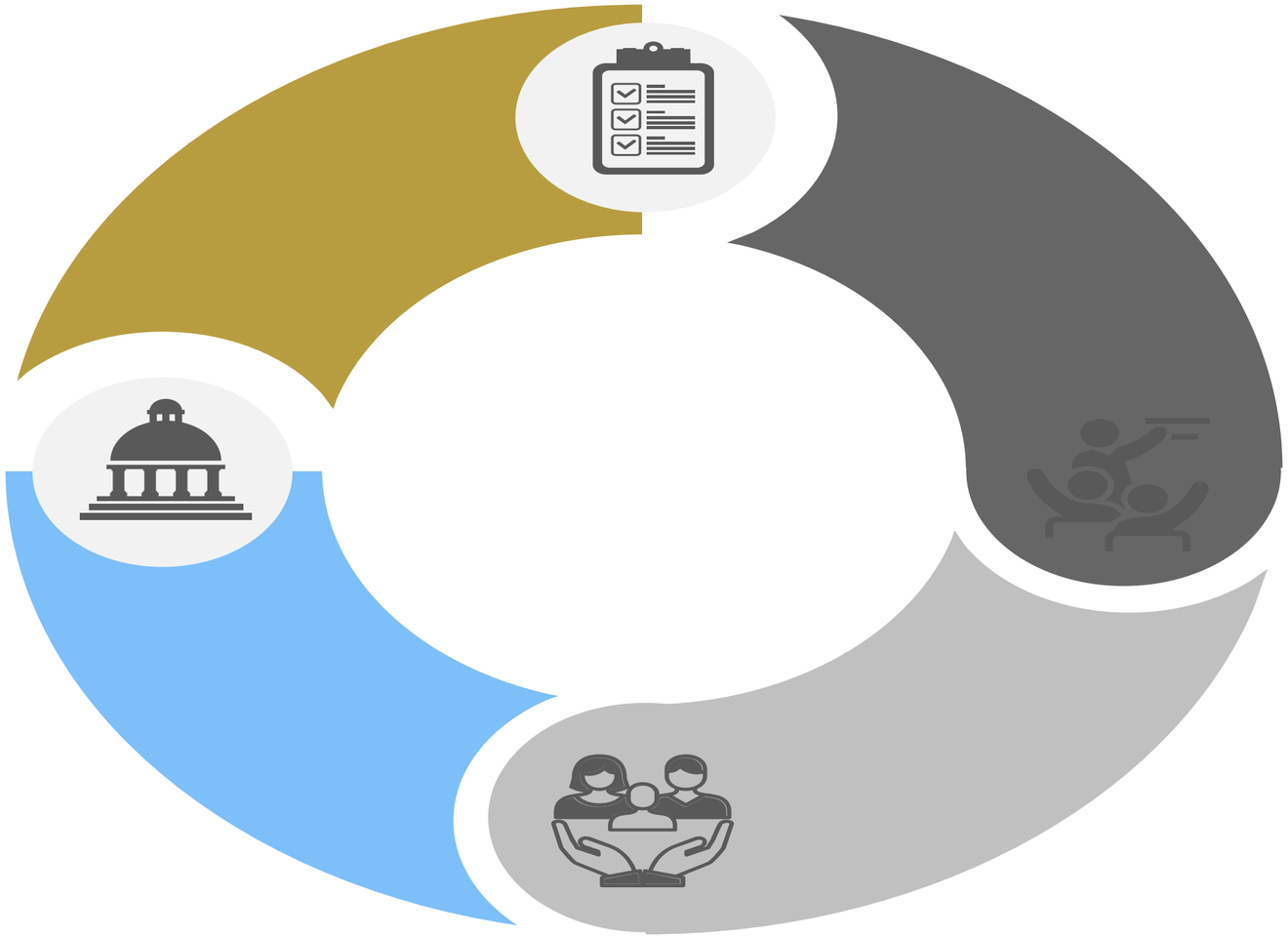

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Assessment of learning and for learning

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Curriculum and Assessment Committee: Big Shifts

HOLISTIC EDUCATION FOCUSED ON EVERY CHILD THRIVING

An education model which integrates knowledge, skills, values, attitudes, and transformative competencies needed to thrive.

LEARNING STAGES

Instead of annual grades, move to 2-3 year learning stages as defined by the NEP, till grade 8 promoting inclusivity and space for each child's unique ability

ENHANCING STAKEHOLDER OWNERSHIP

Inculcating a sense of pride in stakeholders by giving them more ownership and freedom, sharing resources and tools, and shifting from modes of inspection to those of enabling and supporting.

NEW PEDAGOGICAL APPROACHES

Integrating art, play and activities in all aspects of learning

ADDRESSING EXISTING COMPLEXITIES

Creating mechanisms to combat the variability in learning levels across DoE and MCD schools

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Digital Infrastructure in schools (31)

- Connected Classrooms: All the ASoSEs are equipped with Connected Classrooms (Chromebook labs)

- Smart Classrooms: Every school is equipped with smart classrooms (at least 2 K-Yan devices) and smartboards

- Digital assessments: Students give their assessments using chromebooks and computers

- Digital courses: Students take courses such as coding, digital media and design, graphics, etc which requires robust digital environment in schools

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Digital Infrastructure
Tablets to Teachers & Students

- Tablets provided to all teachers (Regular & Guest) in 2018-19 on reimbursement model.

- Tablets provided to 11 & 12 class students of RPPV, SOE & more than 80% marks scored in CBSE board in 10 class of rest of the schools

- 3000 Tablets provided to students by CSR funds

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Learning Infrastructure

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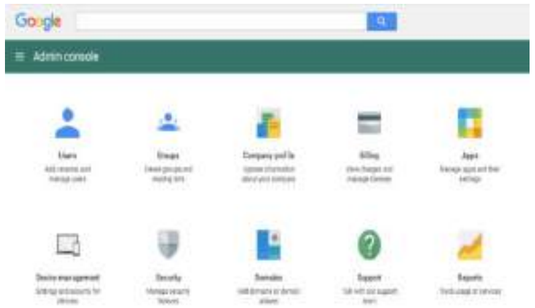
Student Devices

- Portable Cart for Charging and Storing Devices
- Wifi Router

Educational Apps

Device Management Console



Teacher Training Program to build capacity of teachers on the solution

Project Monitoring & Support

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Envisaged Outcomes

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Engaged Students

- Personalised Learning Environment
- Creativity and Innovation
- Communication and Collaboration
- Research and Information Fluency
- Improved learning levels
- Easier understanding of difficult concepts

Empowered Teachers

- Improved Technology Skills
- New method to teach subjects with the help of Multimedia Content
- Engage in professional growth and leadership
- Address the diverse needs of all leaners by using learner - centered strategies

Delighted Parents

- Support learning at home
- Collaborate with the community
- Monitor student progress and share feedback
- Have regular access to clear, concise and easily readable information

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Thank you!

For more information visit

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Directorate of Education :- www.edudel.nic.in