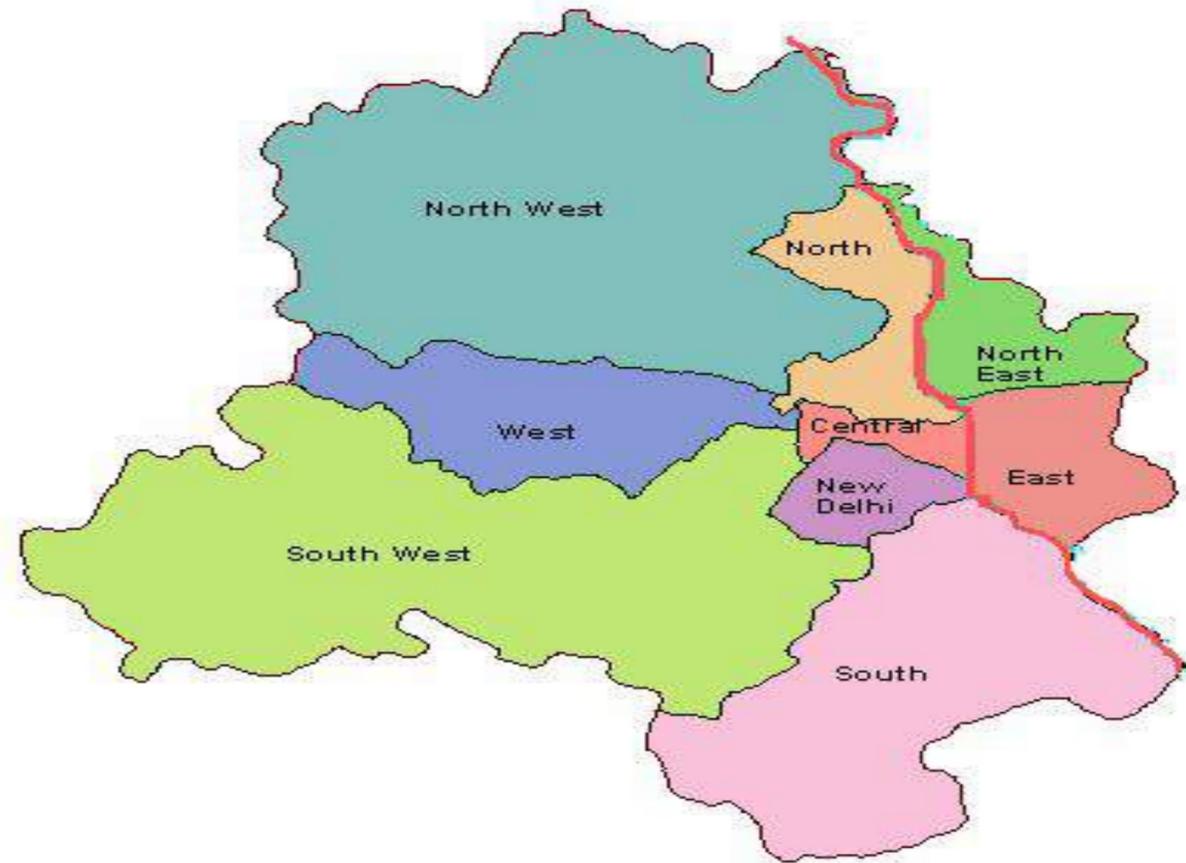


DIGITAL INITIATIVES in School Education



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

SCERT AT A GLANCE



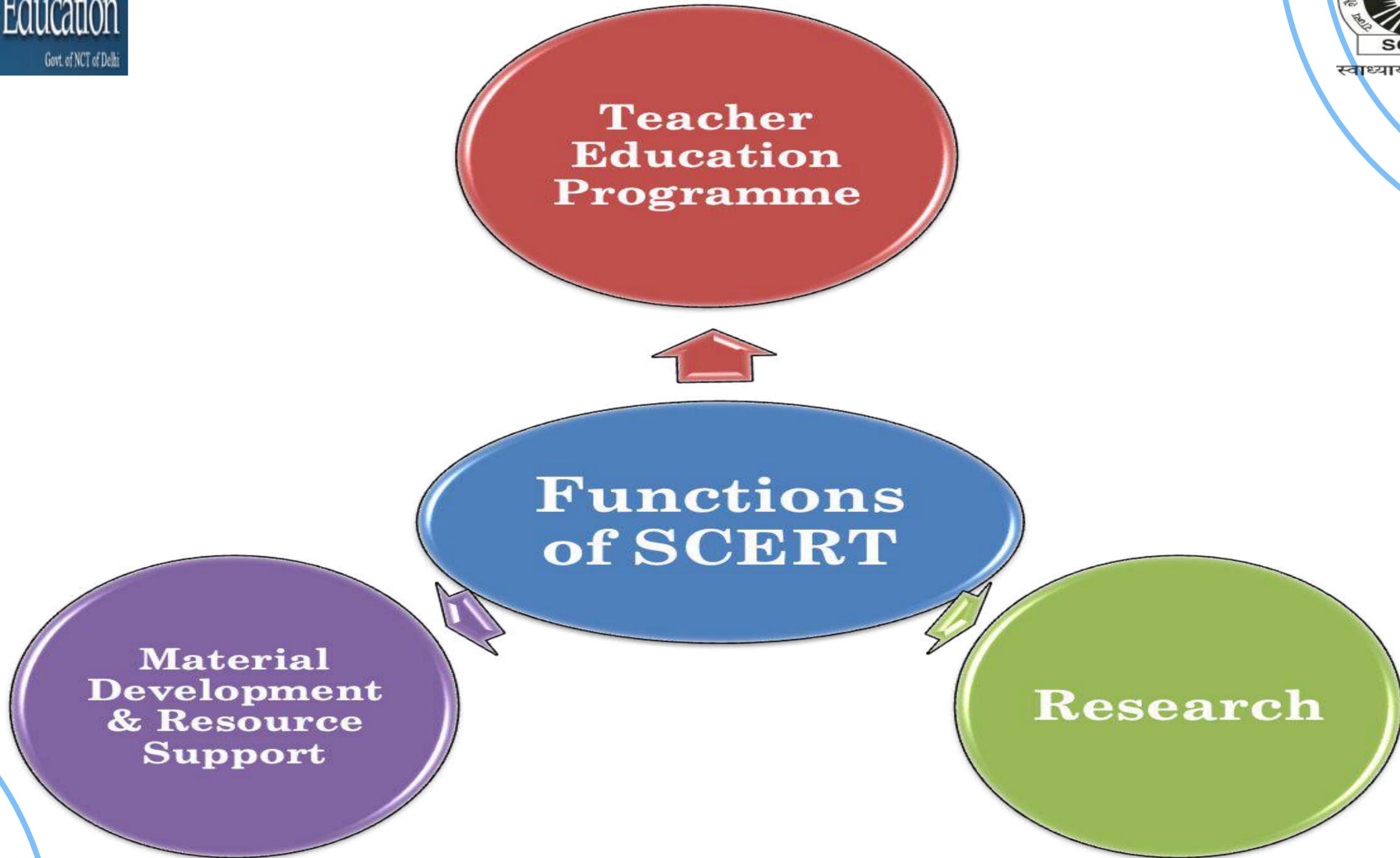
स्वाध्यायान्मा प्रमदः

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**



Directorate of Education

Govt. of NCT of Delhi



स्वाध्यायान्मा प्रमदः

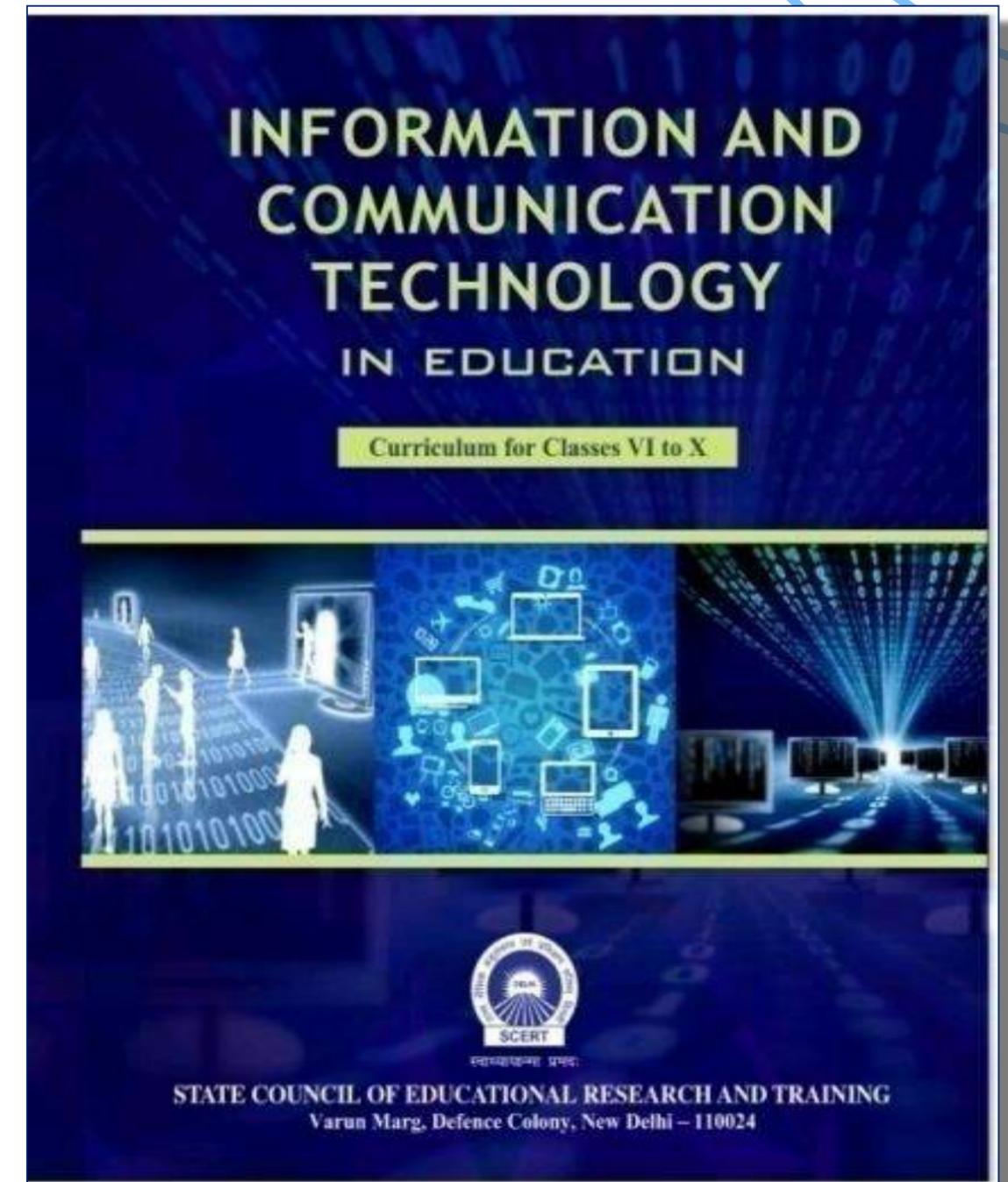
Digital INITIATIVES

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

Teaching - Learning is organized under these Thematic Areas

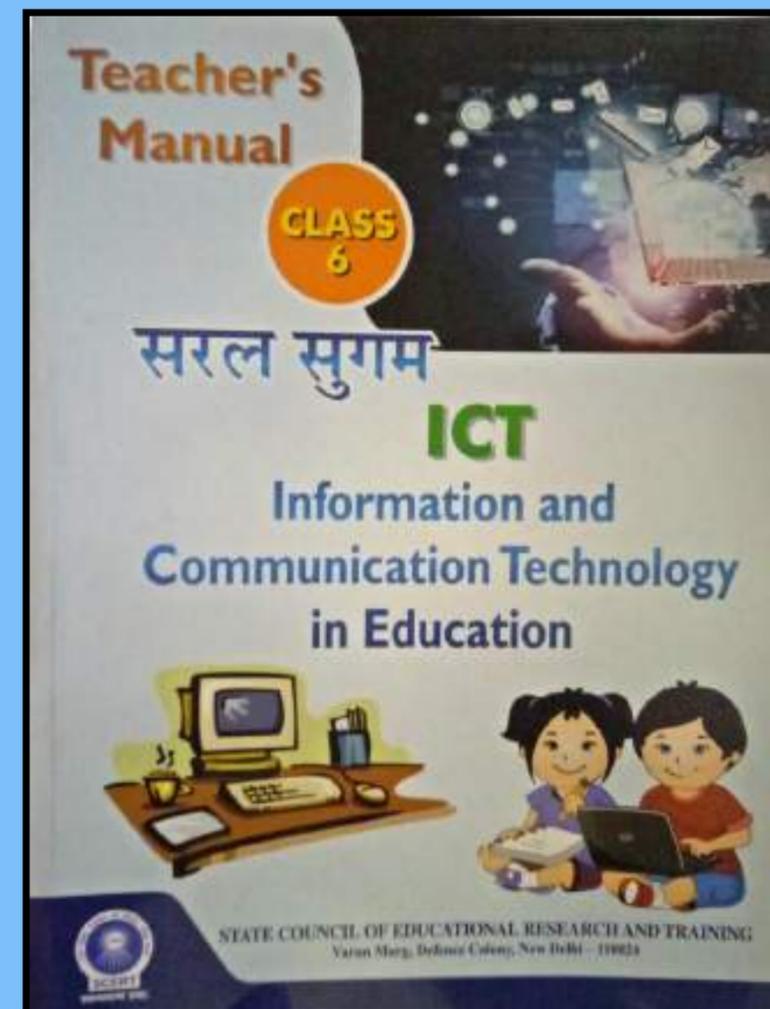
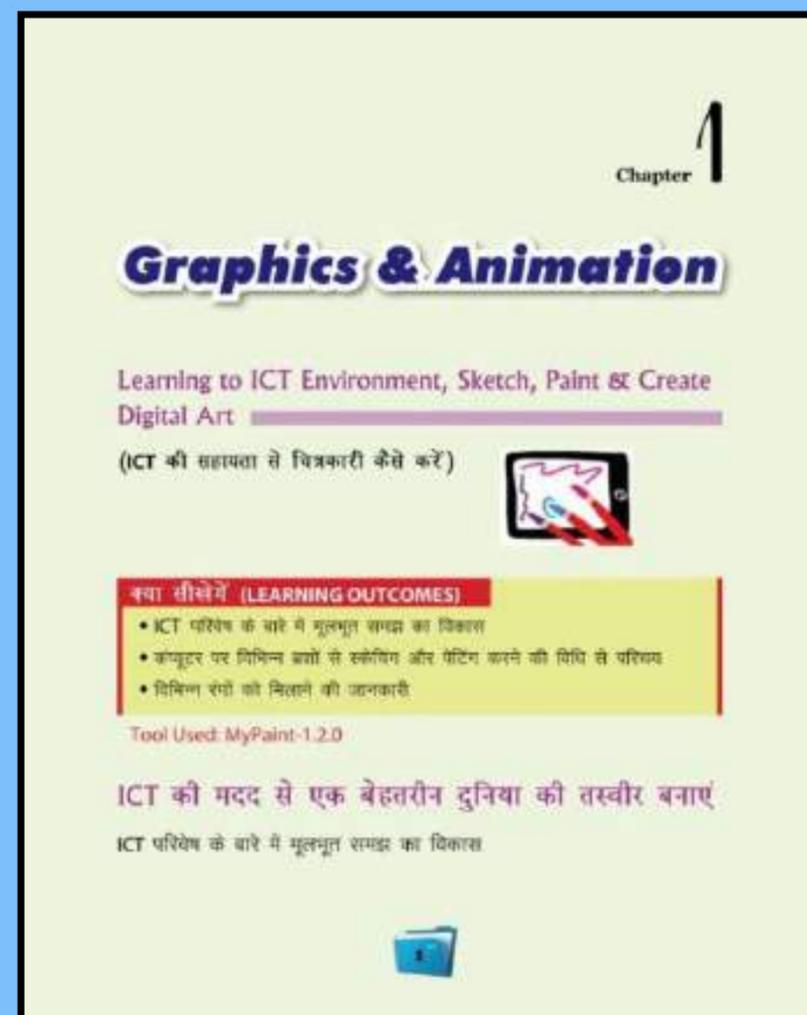
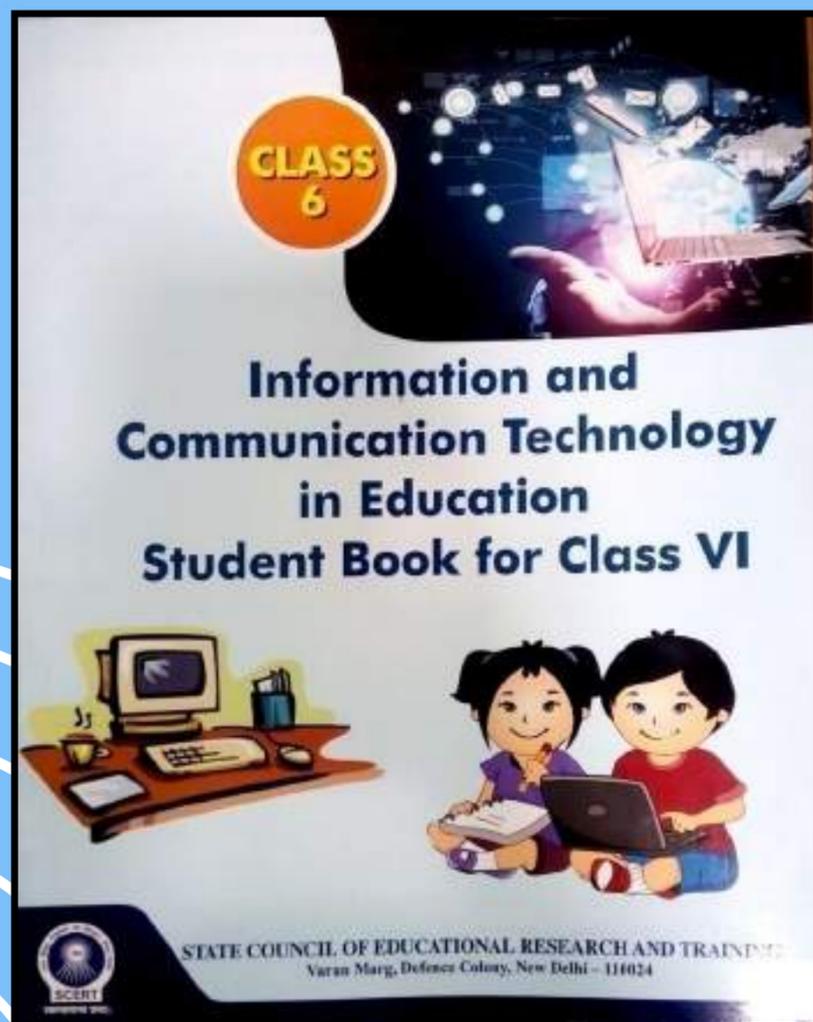
- Programming
- Graphics and animations/internet and ICT Environment
- Data Representation and Processing
- Audio Visual communication,
- Software application

Implemented in
Directorate of Education
schools from
September, 2016



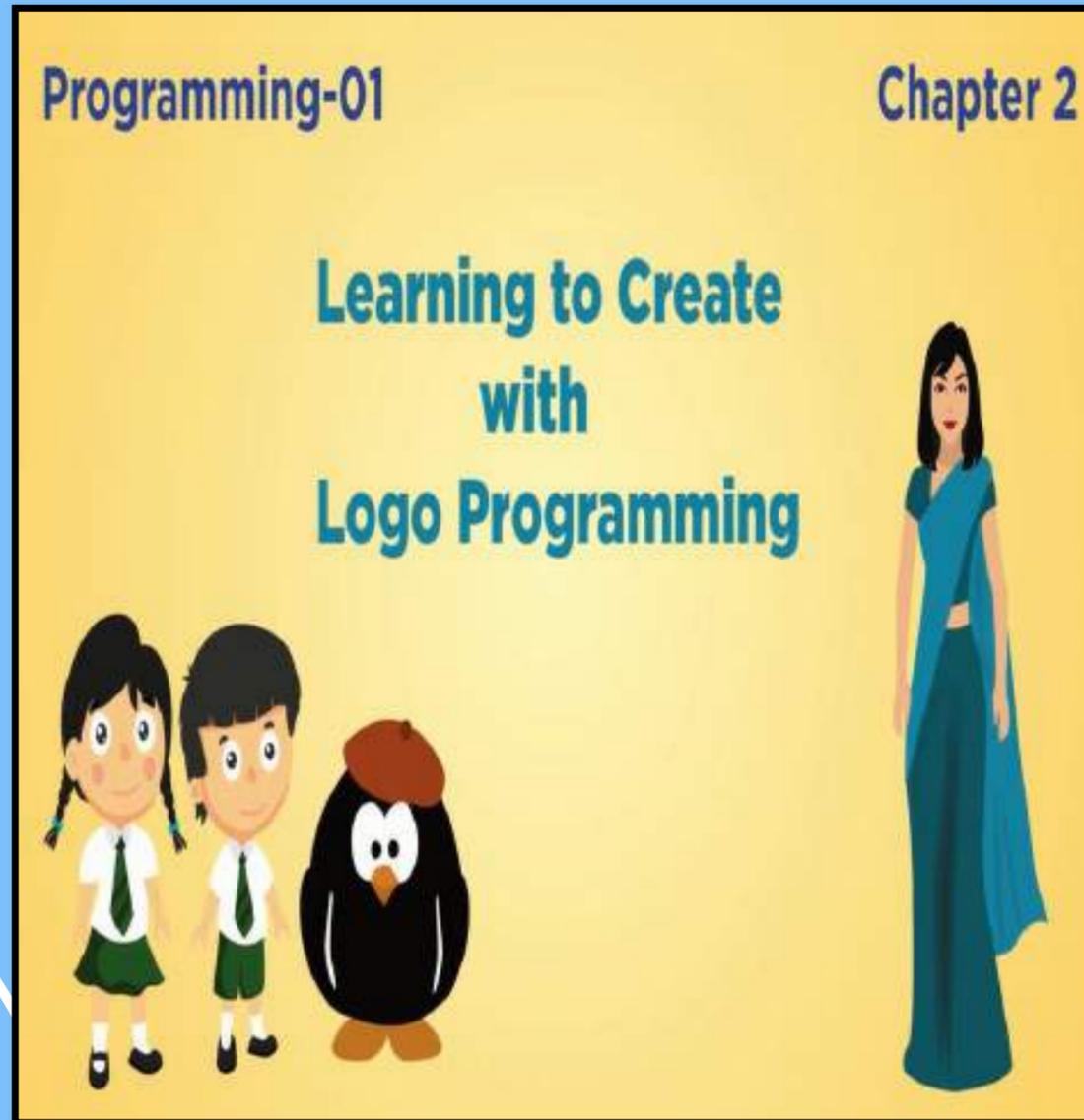
“ICT in Education” Books & Teachers Manual for Classes 6 -10

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

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



Guidelines of “ICT in Education” for Primary Classes



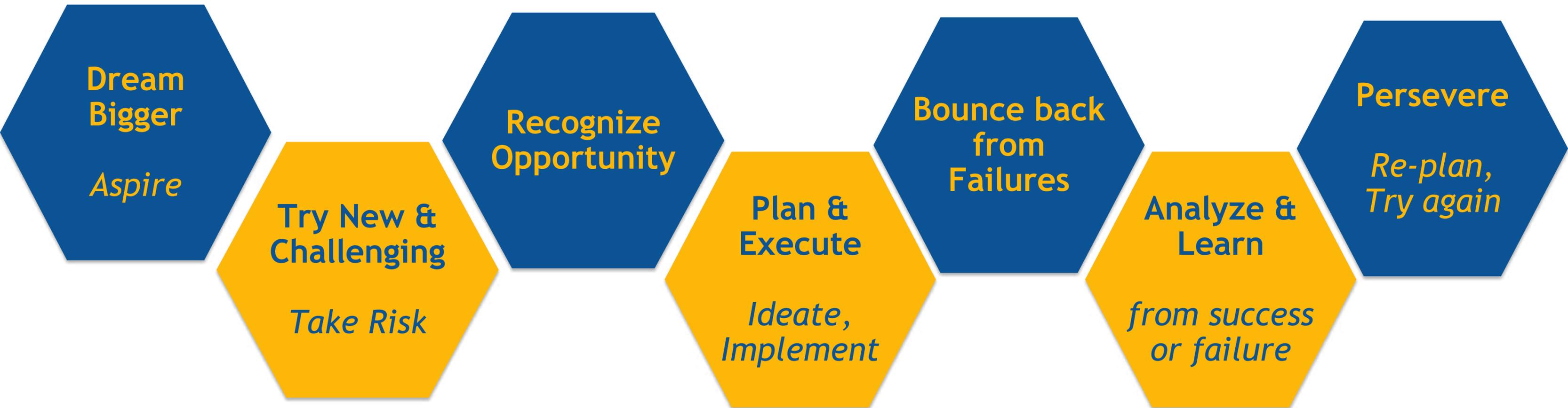
COURSE COVERAGE

Class : Nursery/KG



स्वाध्यायान्ता प्रमदः

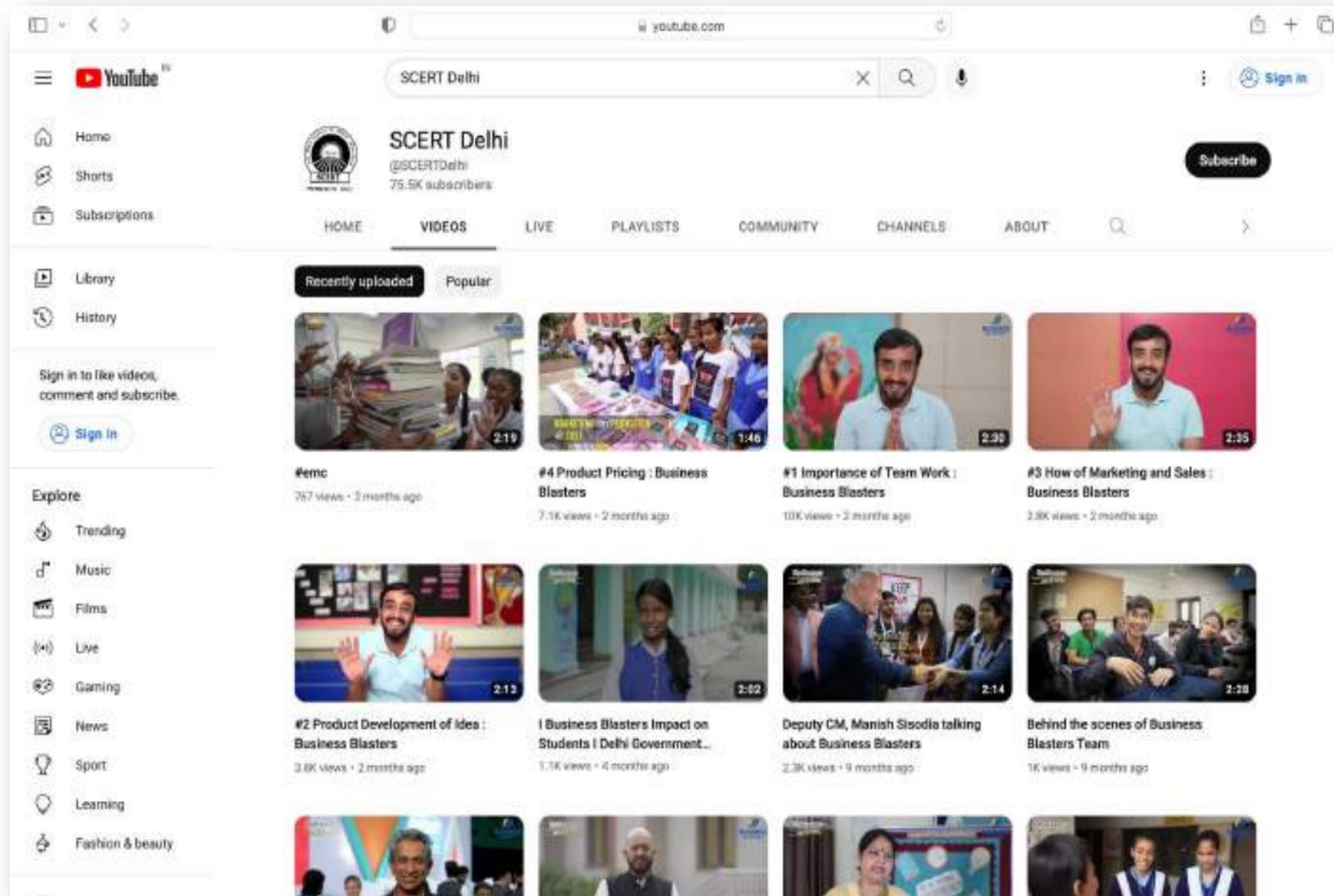
S. No	Theme	Sub Theme	Title	Suggested Activities	Skills	ICT Skills	Intelligence	Suggested Software/Tool	Periods	Expected Learning Outcome
1	Wellness	Stay Fit and Healthy	My Body and Hygiene	Videos/Rhymes followed by discussion on: (A) Bathing, (B) Brushing (C) Washing hands before and after meal and 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	



Key Entrepreneurial Abilities

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

Digital EMC



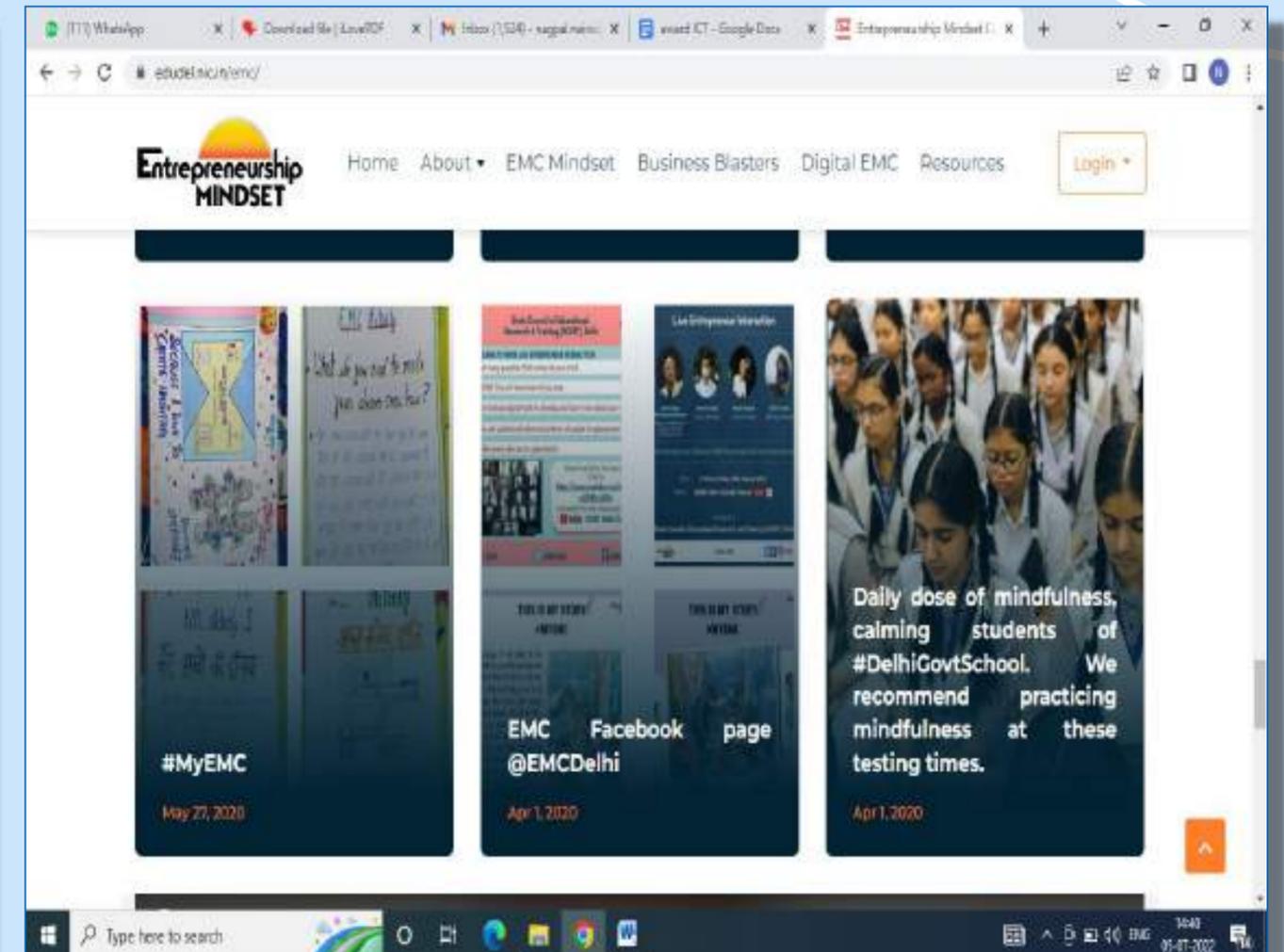
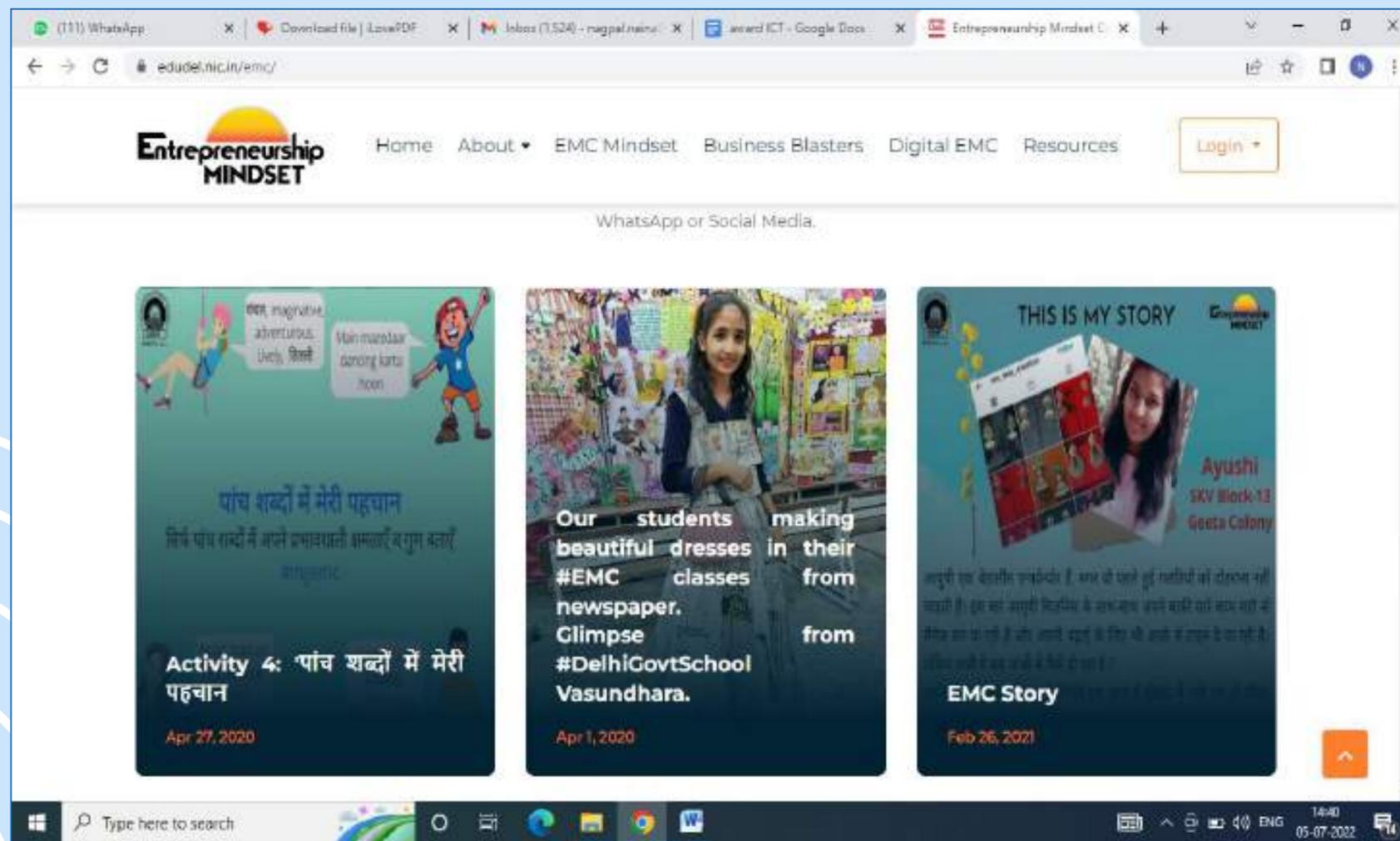
Digital Live Entrepreneur Interaction

- ❑ 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

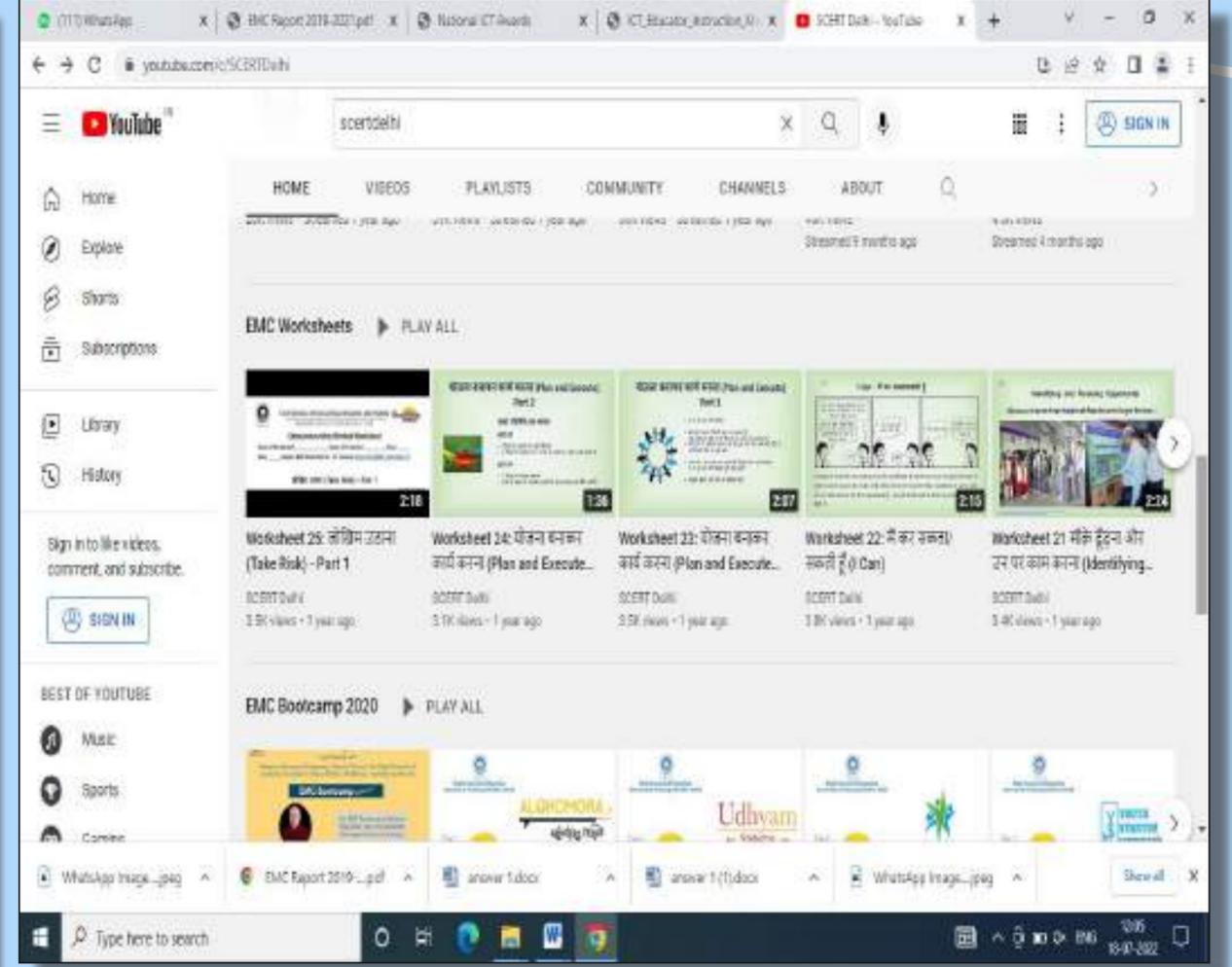
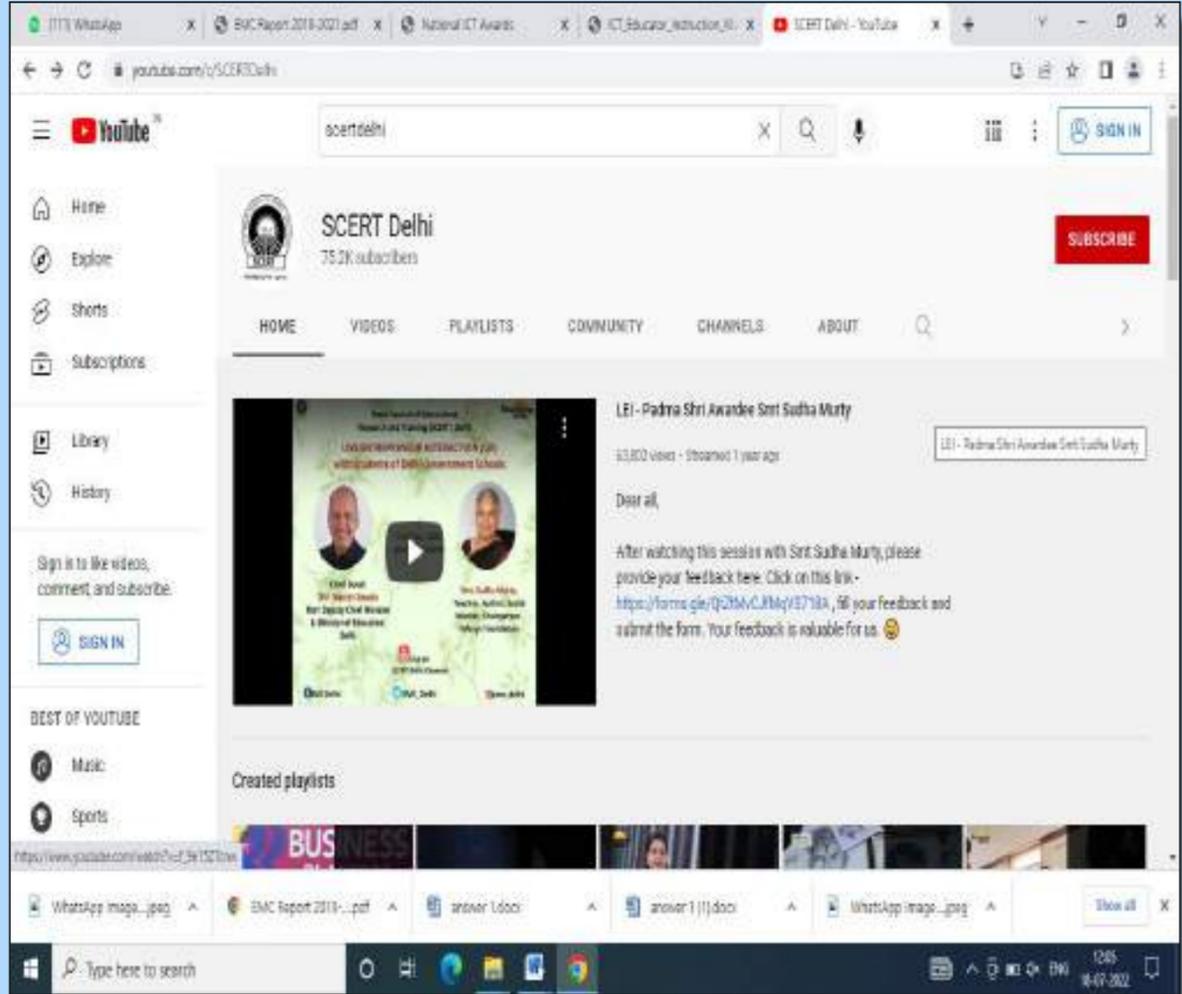
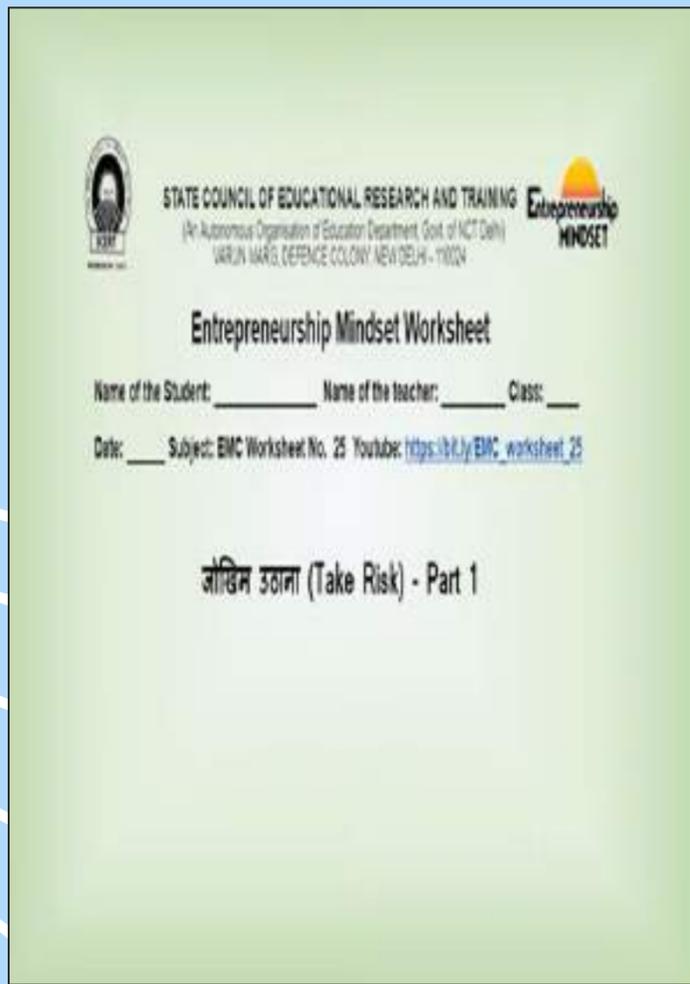
- **Themes covered-** Creativity, Self-expression, Understanding Self, Dream Bigger, Manage Fear, Decision Making, Analyze and Learn, Take Risk.
- During the lockdown, the EMC team designed activities that are communicated to students via teachers' WhatsApp groups as posters and YouTube video links as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



Digital EMC Worksheet:

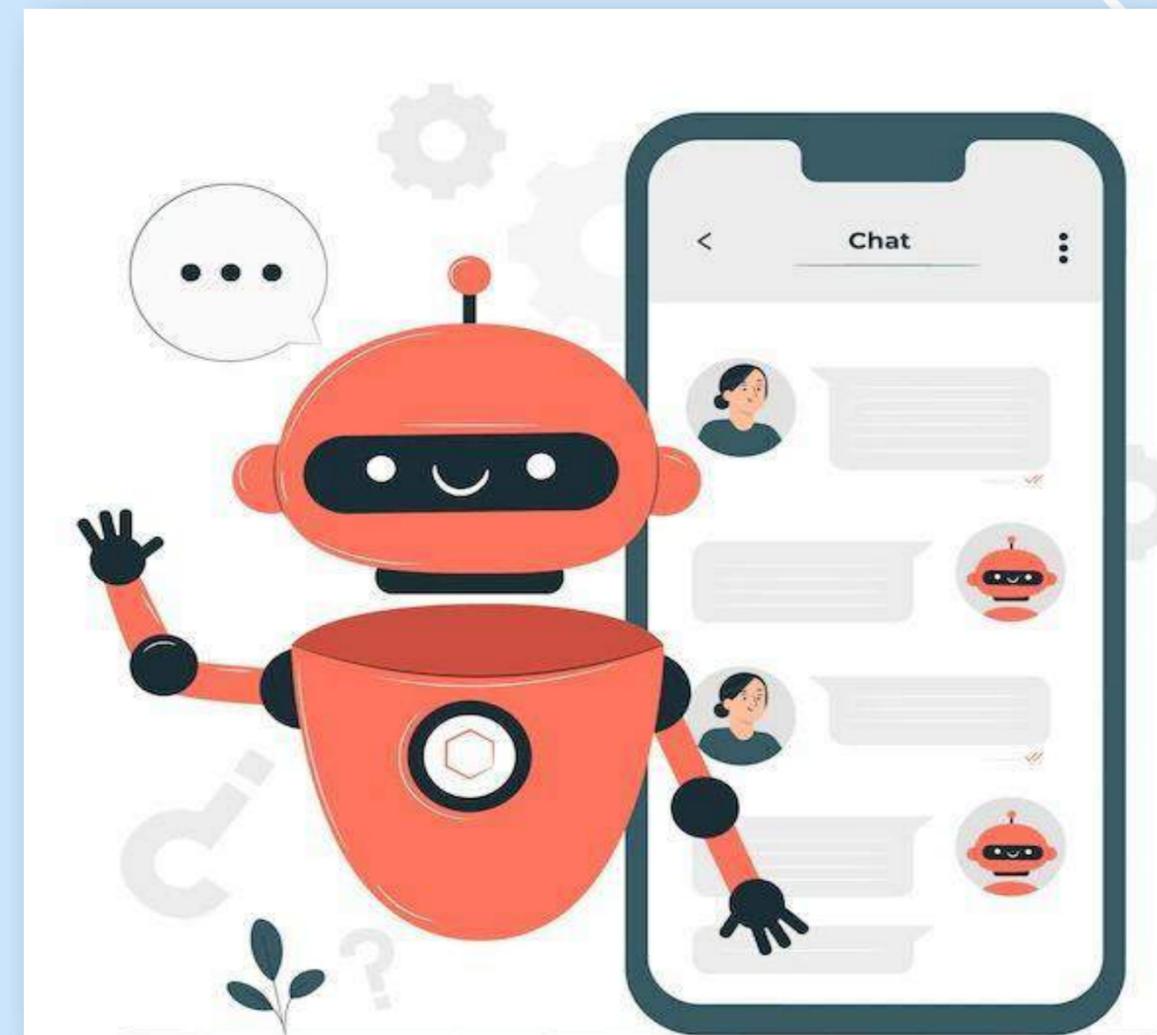


- ❑ Worksheets are sent to all students through **DIKSHA portal**.
- ❑ We send out a video along with the worksheet which can be accessed on the **SCERTs YouTube channel**.
- ❑ We have covered themes like critical thinking, managing fear, understanding others, collaboration etc.
- ❑ Clicks on our worksheets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



Digital EMC Chatbot

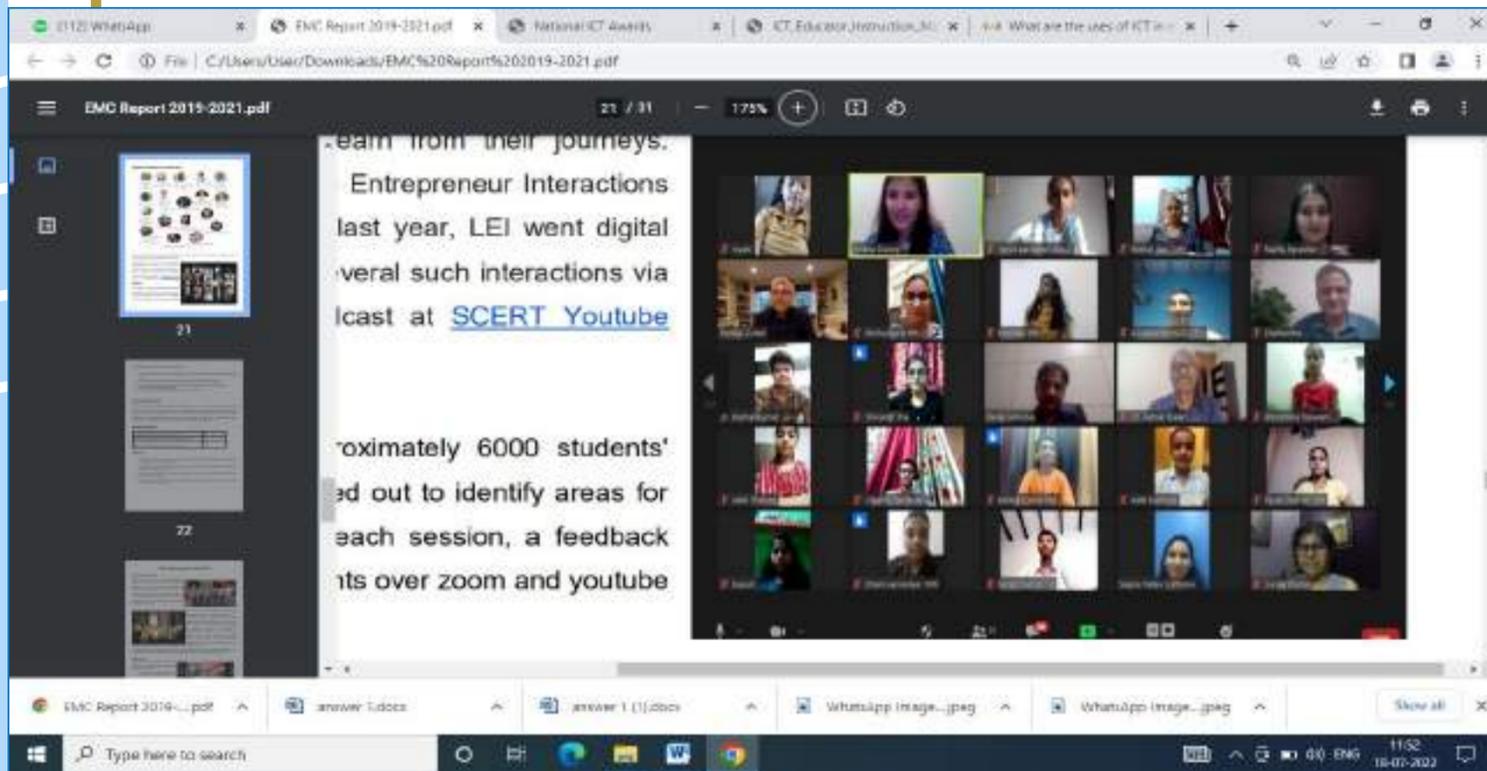
- ❑ Designed “**Interactive Worksheets**”, which can be shared digitally.
- ❑ This helped to explore various digital platforms that solve the challenges of Pdf worksheet.
- ❑ The experience was more students centeric, where students solved the worksheet over the chatbot.



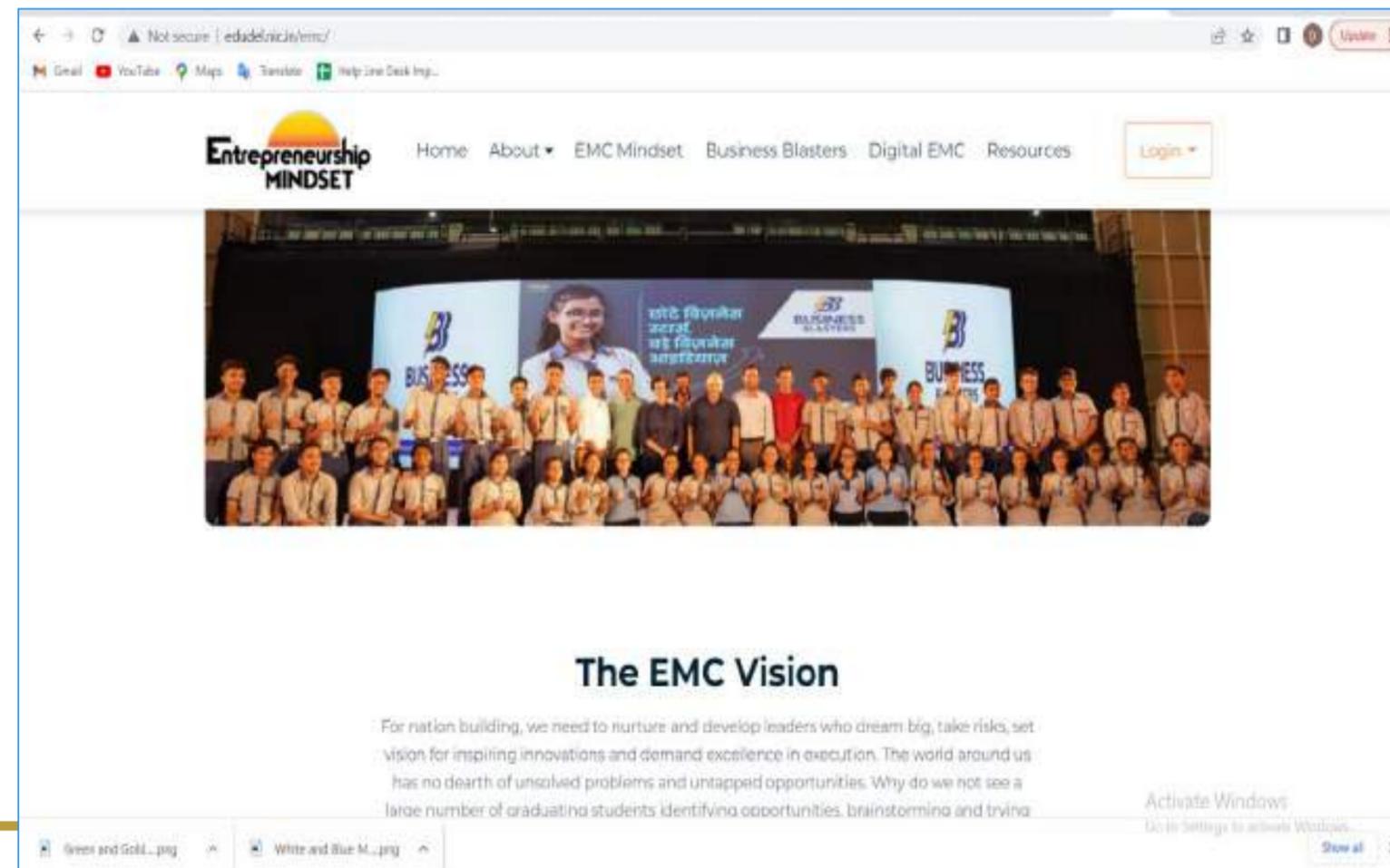
- ❑ EMC boot camps were expected to take their entrepreneurial abilities to the next level.
- ❑ Organized with the help of eight partner organizations nearly 250 students managed to actively participate until the very end.



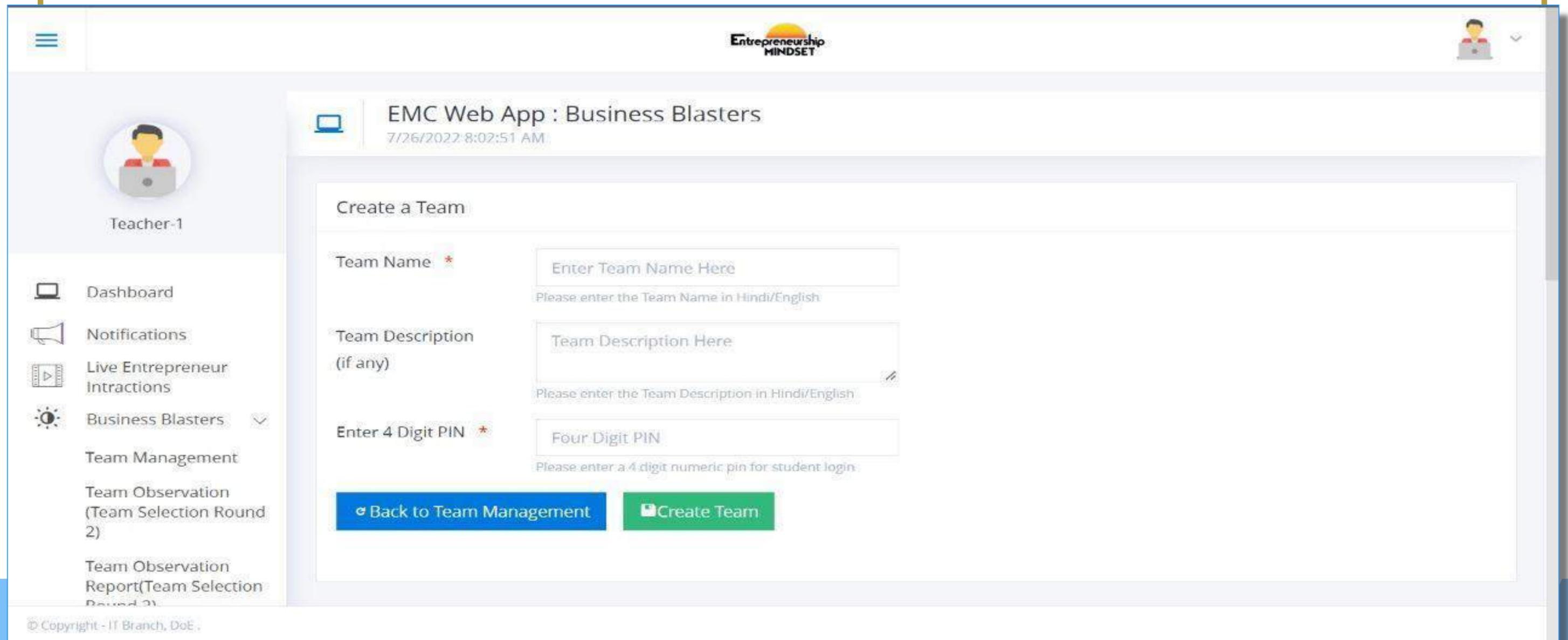
- ❑ Eight Partner Organizations offered a total of 14 batches of online boot camp.
- ❑ Observers were from EMC team at SCERT and Mentor Teachers of Directorate of Education, Delhi.



- ❑ 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.



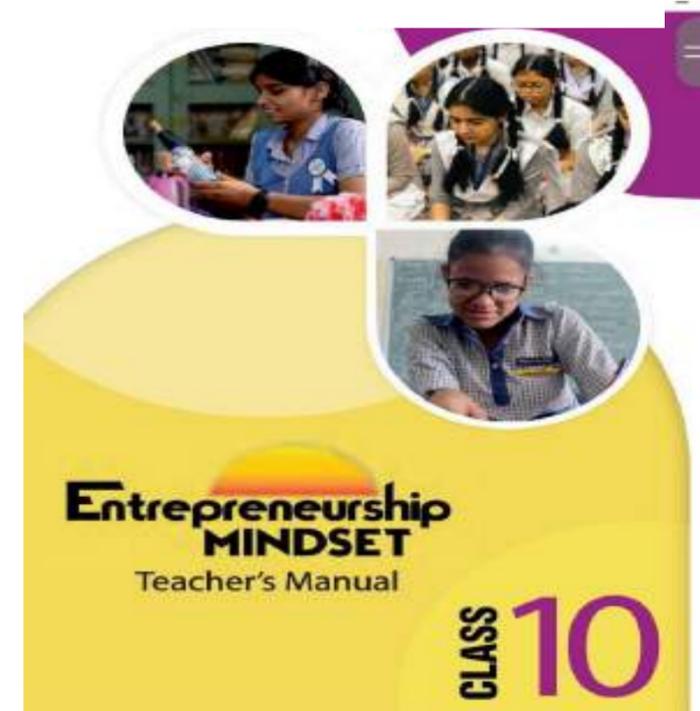
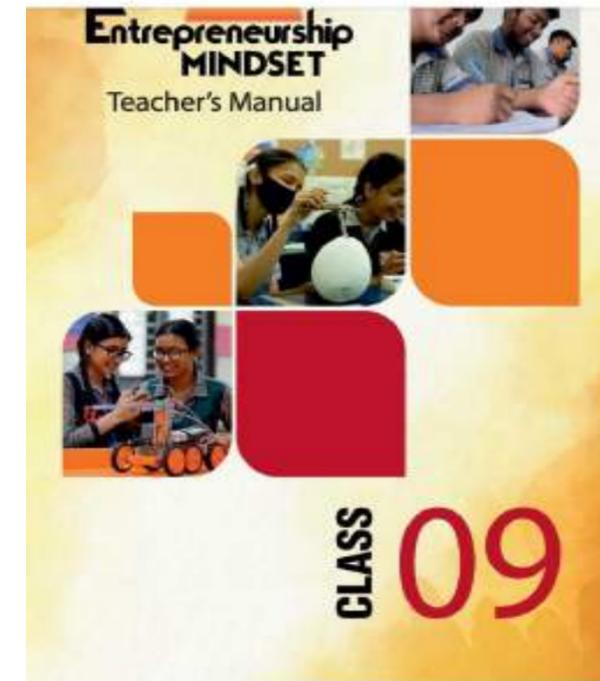
This website includes the what and why of Business Blaster along with details of top teams and investment summit and expo. It also provides a channel to express interest in supporting the programme for community.



The screenshot displays the 'EMC Web App : Business Blasters' interface. At the top, there is a navigation bar with the 'Entrepreneurship MINDSET' logo and a user profile icon. Below this, the main content area is titled 'Create a Team'. It features three input fields: 'Team Name *' with a placeholder 'Enter Team Name Here' and a note 'Please enter the Team Name in Hindi/English'; 'Team Description (if any)' with a placeholder 'Team Description Here' and a note 'Please enter the Team Description in Hindi/English'; and 'Enter 4 Digit PIN *' with a placeholder 'Four Digit PIN' and a note 'Please enter a 4 digit numeric pin for student login'. At the bottom of the form, there are two buttons: a blue 'Back to Team Management' button and a green 'Create Team' button. On the left side, there is a sidebar menu with a user profile icon labeled 'Teacher-1' and several menu items: 'Dashboard', 'Notifications', 'Live Entrepreneur Interactions', 'Business Blasters' (with a dropdown arrow), 'Team Management', 'Team Observation (Team Selection Round 2)', and 'Team Observation Report (Team Selection Round 3)'. The footer contains the text '© Copyright - IT Branch, DoE'.

Digitized Teachers Manual on “Entrepreneurship Mindset Curriculum

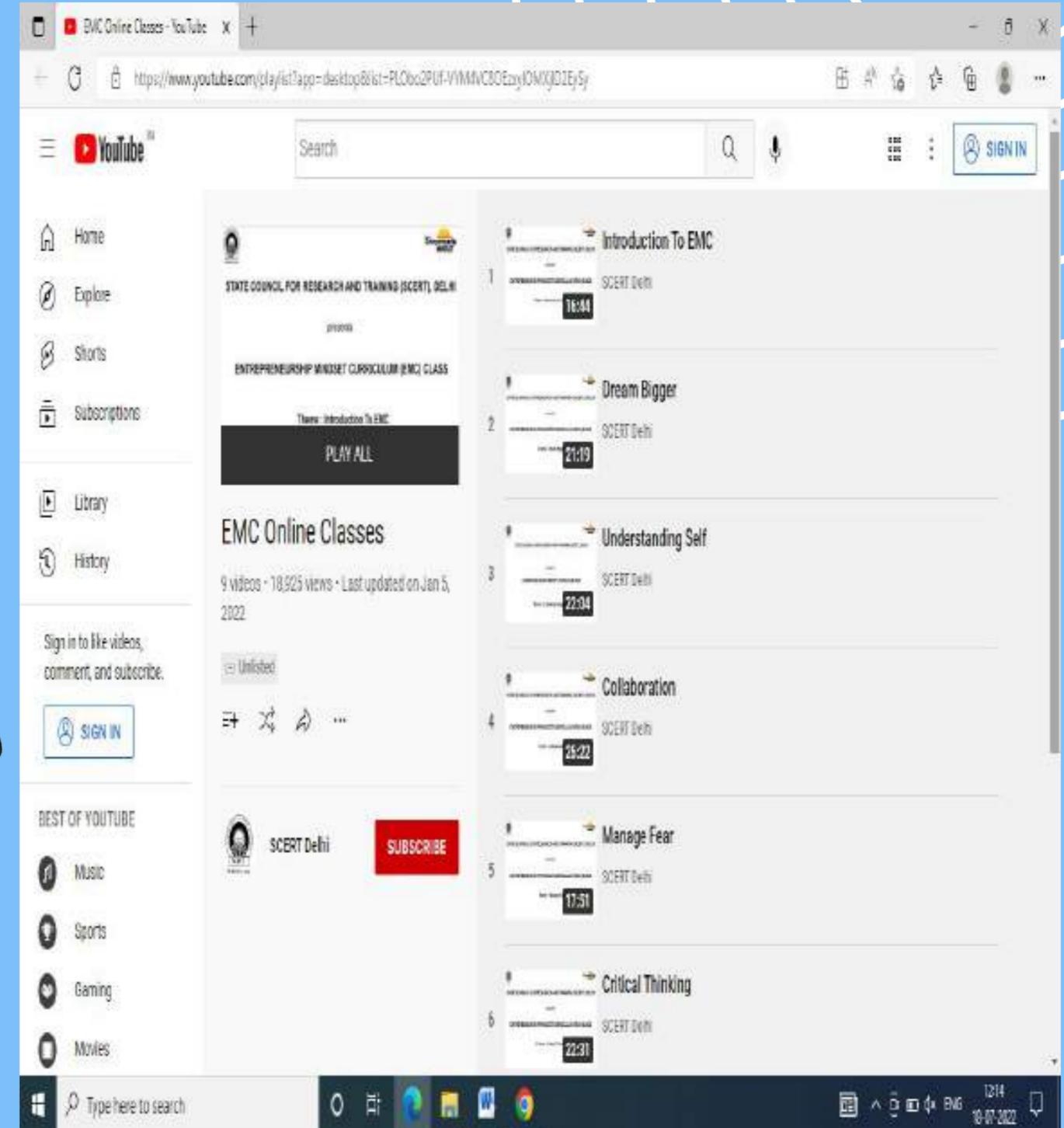
- ❑ 2 books were created for classes 9th to 12th which are digitized and uploaded on the DIKSHA Portal in the year 2019.
- ❑ 8 separate Teacher Manuals developed for grades 9,10,11,12 in English and Hindi medium in the year 2022.



- ❖ 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>

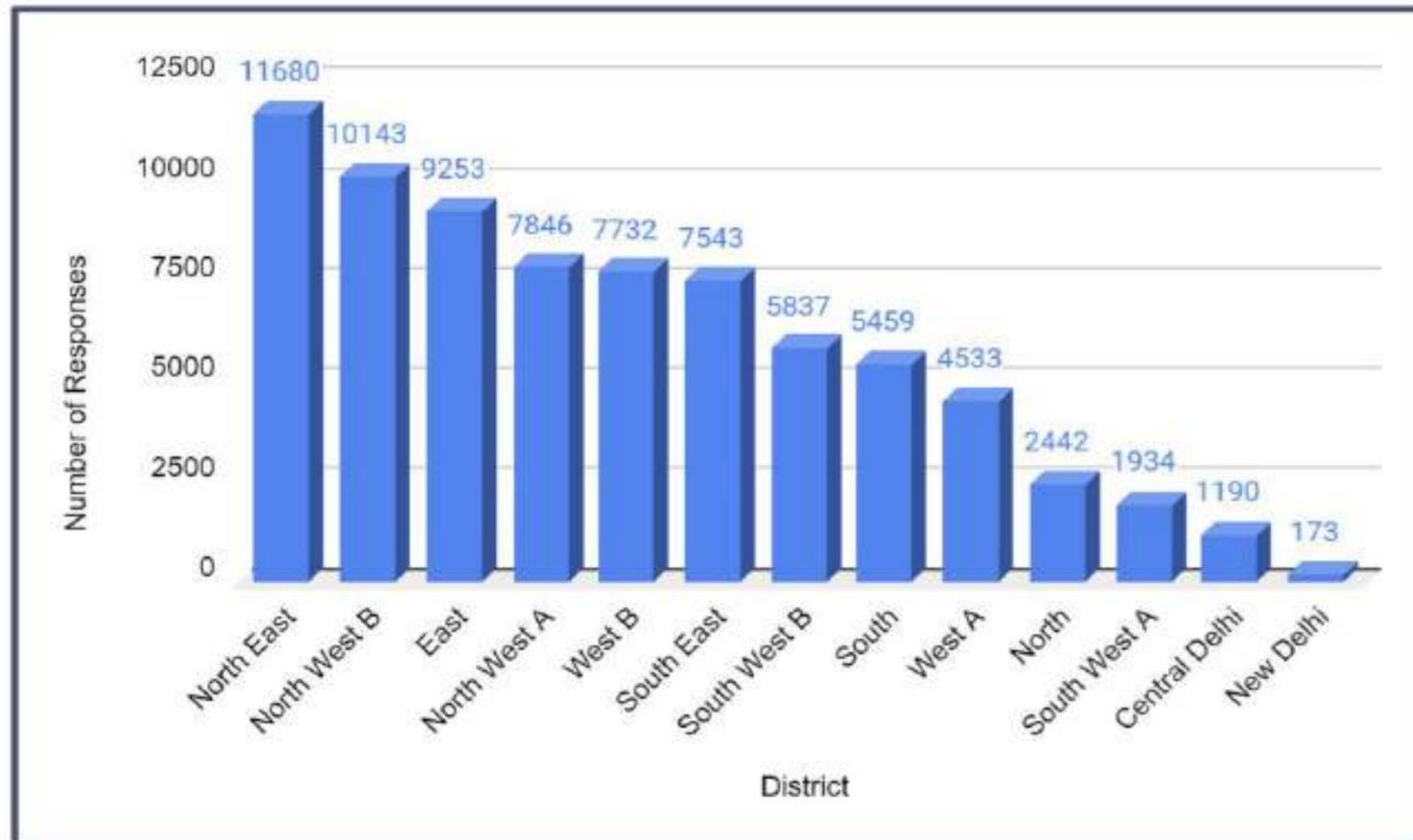
Demo Videos: <https://bit.ly/EMCClassYT>



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**



LEADing towards

Equitable & Inclusivity of

Children With Special Needs (CWSNs)

To cater the needs of CWSN students SCERT, Delhi has developed and published Audio books through LEAD DIKSHA. The idea of developing this exemplary material was initiated with the thought to enrich CWSN students with the Entrepreneurial MINDSET.

Scan to access



audiobooks



स्वाध्यायान्मा प्रमदः



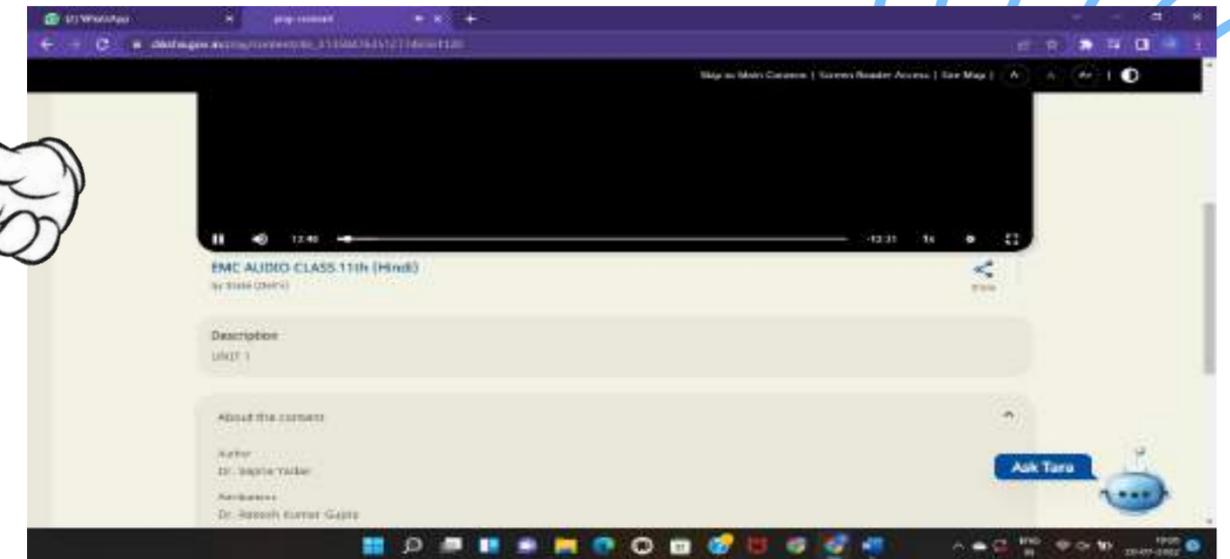
स्वाध्यायान्मा प्रमदः

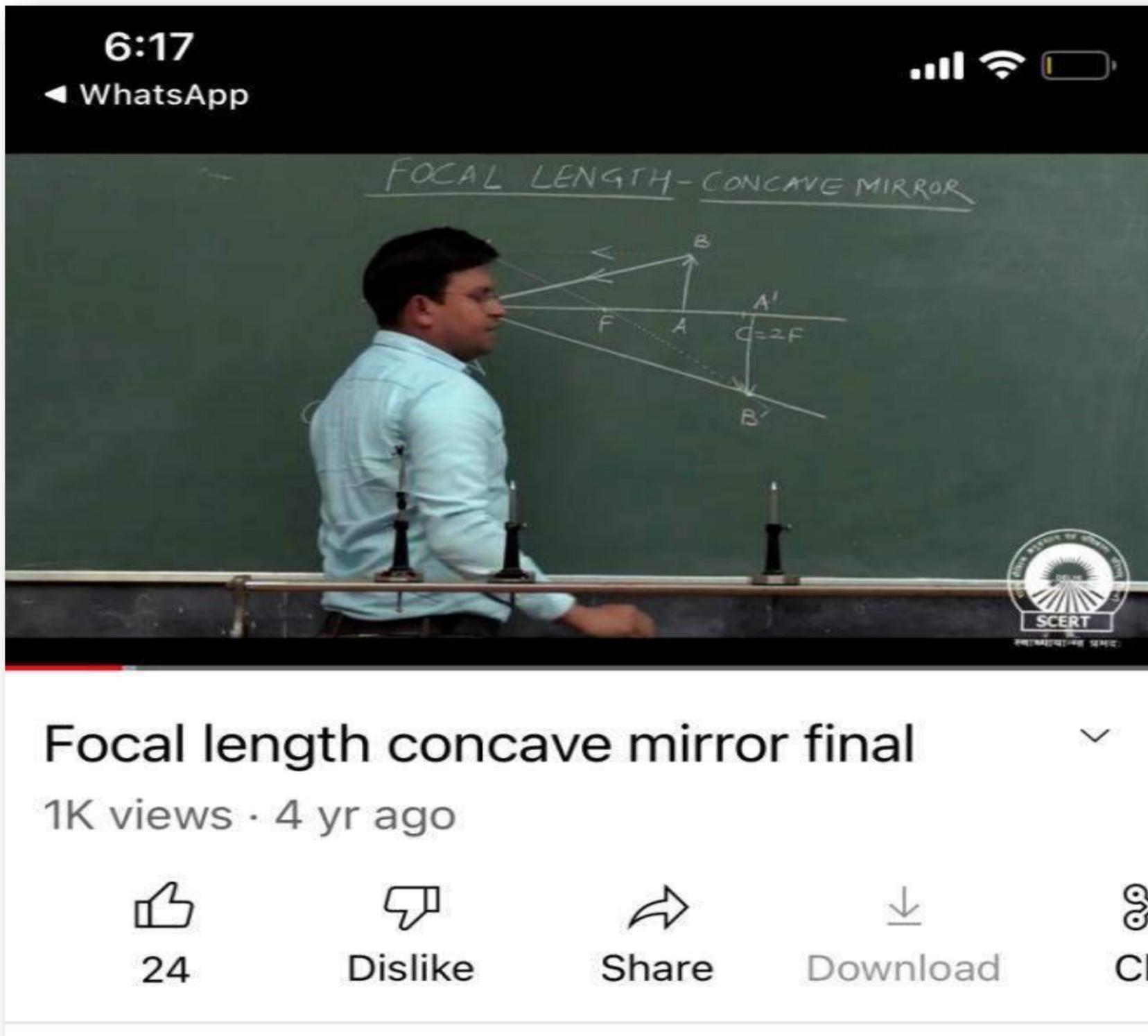
AUDIO BOOKS for CWSN

- ❑ 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_3135847635127746561120





Some of the videos are below:

- <https://youtu.be/9MnSVng0qi0>
- <https://youtu.be/bL5upnVFTAk>
- <https://youtu.be/mXExsqlIqqA>
- <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/lrPDyNpjVXU>
- <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>

Digitization of Resource Support Material



राष्ट्रीय शैक्षिक अनुसंधान और प्रशिक्षण परिषद्
NATIONAL COUNCIL OF EDUCATIONAL RESEARCH AND TRAINING

Home | About Us | Organisation | Constituents & Departments | Programmes | Gallery | Publications | Announcements | Contacts

E-Books of States/UTs

- Delhi (SCERT)
 - Political Science-1
 - Political Science-2
 - Approach Towards Academic Excellence in Mathematics
- Haryana (SCERT)
- Uttar Pradesh (SCERT)
- Andhra Pradesh (SCERT)

Instruction:- To view epub files on your Browser, you have to add epubreader addons. The download link for epubreader addon are as follows:-

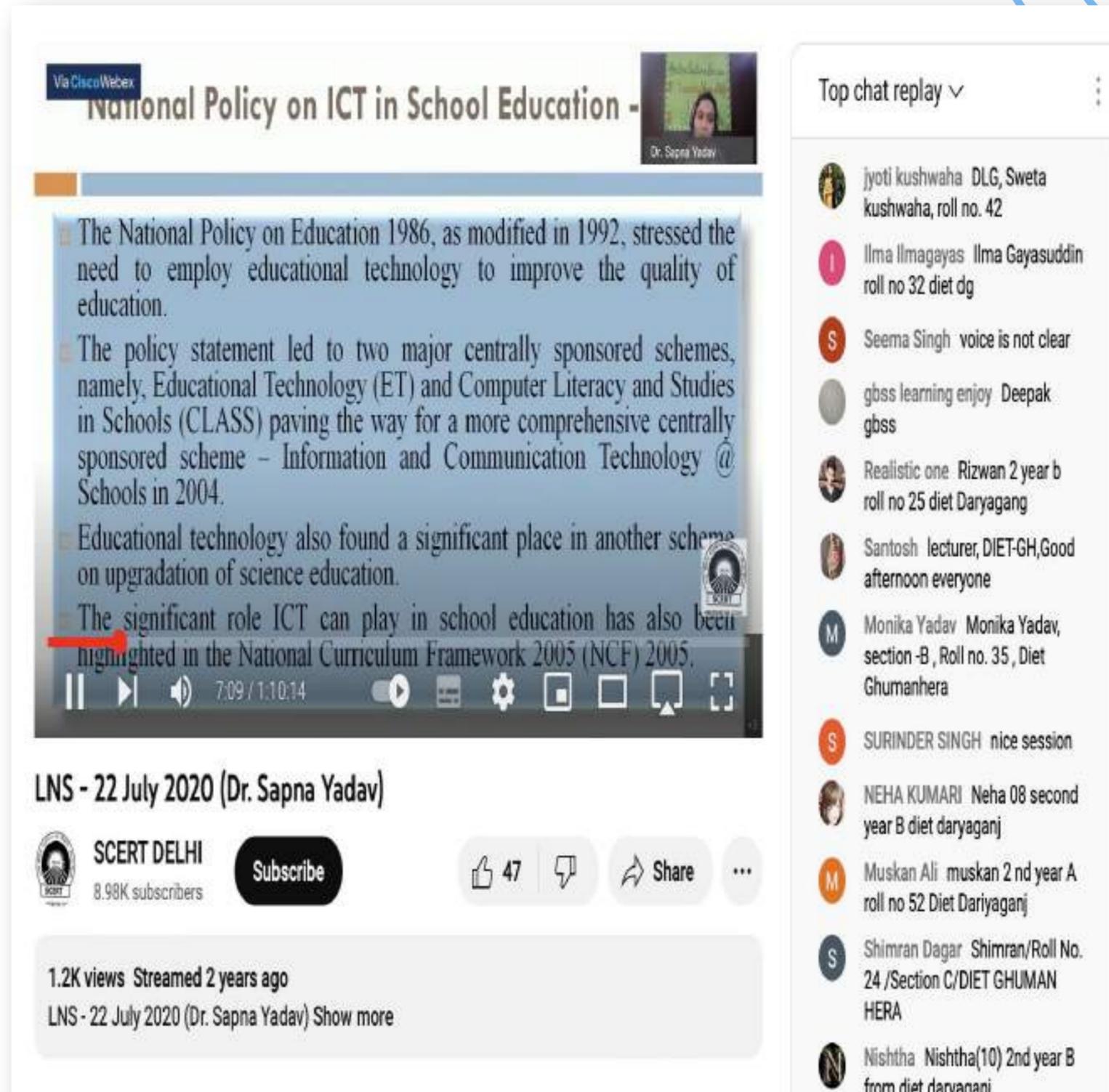
Mozilla Firefox

Google Chrome

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



National Policy on ICT in School Education -

Dr. Sapna Yadav

The National Policy on Education 1986, as modified in 1992, stressed the need to employ educational technology to improve the quality of education.

The policy statement led to two major centrally sponsored schemes, namely, Educational Technology (ET) and Computer Literacy and Studies in Schools (CLASS) paving the way for a more comprehensive centrally sponsored scheme - Information and Communication Technology @ Schools in 2004.

Educational technology also found a significant place in another scheme on upgradation of science education.

The significant role ICT can play in school education has also been highlighted in the National Curriculum Framework 2005 (NCF) 2005.

LNS - 22 July 2020 (Dr. Sapna Yadav)

SCERT DELHI
8.98K subscribers

Subscribe

47

Share

1.2K views Streamed 2 years ago

LNS - 22 July 2020 (Dr. Sapna Yadav) Show more

Top chat replay

- jyoti kushwaha DLG, Sweta kushwaha, roll no. 42
- Ilma Ilmagayas Ilma Gayasuddin roll no 32 diet dg
- Seema Singh voice is not clear
- gbss learning enjoy Deepak gbss
- Realistic one Rizwan 2 year b roll no 25 diet Daryagan
- Santosh lecturer, DIET-GH, Good afternoon everyone
- Monika Yadav Monika Yadav, section -B , Roll no. 35 , Diet Ghumanhera
- SURINDER SINGH nice session
- NEHA KUMARI Neha 08 second year B diet daryaganj
- Muskan Ali muskan 2 nd year A roll no 52 Diet Dariyaganj
- Shimran Dagar Shimran/Roll No. 24 /Section C/DIET GHUMAN HERA
- Nishtha Nishtha(10) 2nd year B from diet darvaani

ONLINE CAPACITY BUILDING PROGRAMME

Number of Teachers Completed Training

2,01,564



Light: Reflection and Refraction
MODULES OF THE TRAINING

1. Pre-Test
2. Introduction
3. Conceptual Understanding of Light, Shadows and Reflection
4. Conceptual Understanding of Refraction and Human Eye
5. Misconceptions
6. Teaching Strategies
7. Evaluation Strategies/Sample Worksheets
8. Post-Test

In this training, we have started first with the modules on the conceptual understanding of Reflection and Refraction that aim to enhance our classroom delivery by focussing on recalling the concepts with appropriate and easy to relate real-life examples and by highlighting engaging/ important points related to a particular concept. We will then move on to the module of misconceptions that will help us acknowledge and address possible/common misconceptions related to this topic. And after that, we will focus on the teaching strategies as that is where we will get to see the examples and ways in which concepts related to light can be delivered in an engaging and enriching manner in the classroom followed by the module on Evaluation Strategies and Worksheets.

The modules of this training have been developed to strengthen the conceptual as well as pedagogical aspects of teaching the scientific concepts related to Light: Reflection and Refraction. Given below is the list of modules and some notion of time required to complete the training:

Module	Title	Duration
0	Introduction to the Course	30 minutes
1	Understanding of Light, Reflections and Refractions	2 hrs

Prevention of Child Sexual Abuse-DelhiDec2019-0720202006.pdf

THEIR SILENCE SPEAKS VOLUMES

CHILD SEXUAL ABUSE

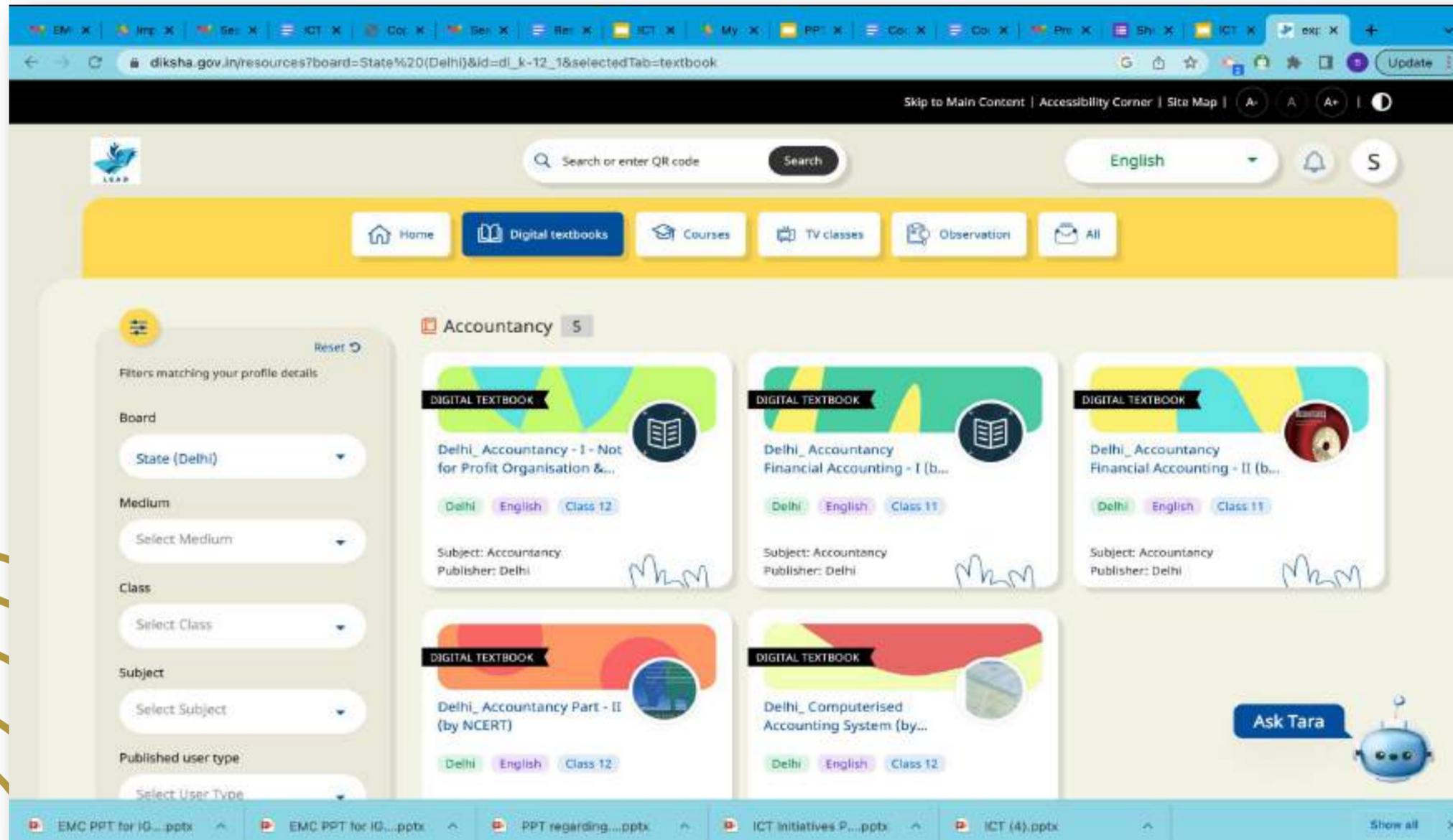
- 53% of children in India report one or more forms of sexual abuse
- Both girls and boys are equally vulnerable.
- 50% of sexual offenders were known to the child or were in positions of trust.
- 53% children faced one or more forms of sexual abuse
- 63% of girls were abused as children by family members

Activate Windows
Go to Settings to activate Windows.

DIKSHA - An Initiative of Ministry of Education



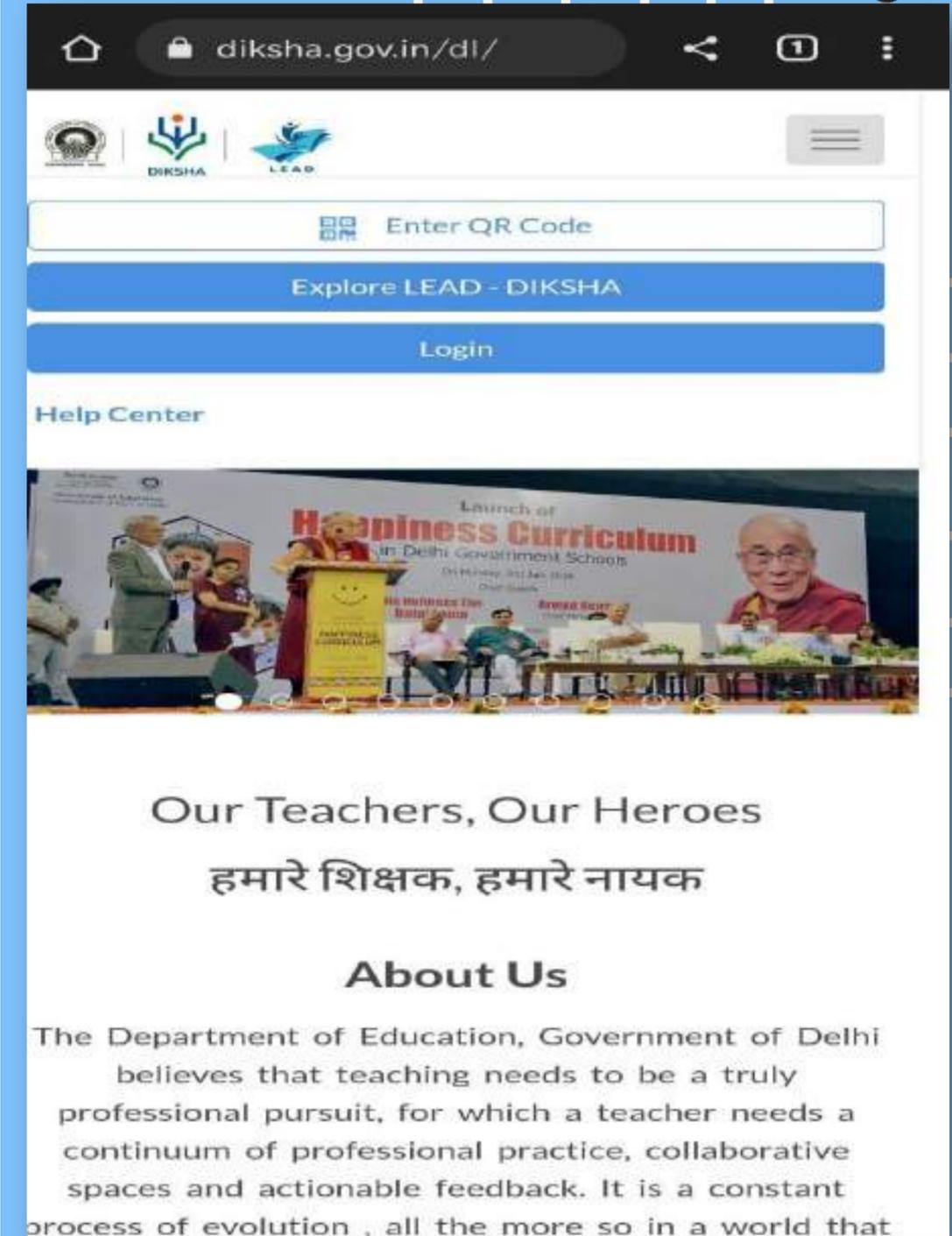
Delhi State has launched their own DIKSHA tenant LEAD (Learning through e- resources made accessible for Delhi).



The screenshot shows the DIKSHA website interface. At the top, there is a search bar with the text "Search or enter QR code" and a "Search" button. Below the search bar, there are navigation tabs: Home, Digital textbooks, Courses, TV classes, Observation, and All. The main content area displays a list of digital textbooks under the filter "Accountancy 5". The results include:

- Delhi_ Accountancy - I - Not for Profit Organisation &...
- Delhi_ Accountancy Financial Accounting - I (b...)
- Delhi_ Accountancy Financial Accounting - II (b...)
- Delhi_ Accountancy Part - II (by NCERT)
- Delhi_ Computerised Accounting System (by...)

Each result card shows the subject, publisher (Delhi), and class level. A sidebar on the left contains filters for Board (State (Delhi)), Medium (Select Medium), Class (Select Class), Subject (Select Subject), and Published user type (Select User Type). At the bottom right, there is a chatbot icon labeled "Ask Tara".



The screenshot shows the DIKSHA website interface. At the top, there is a search bar with the text "Search or enter QR code" and a "Search" button. Below the search bar, there are navigation tabs: Home, Digital textbooks, Courses, TV classes, Observation, and All. The main content area displays a banner for "Launch of Happiness Curriculum in Delhi Government Schools" with the text "Our Teachers, Our Heroes" and "हमारे शिक्षक, हमारे नायक". Below the banner, there is a section titled "About Us" with the text: "The Department of Education, Government of Delhi believes that teaching needs to be a truly professional pursuit, for which a teacher needs a continuum of professional practice, collaborative spaces and actionable feedback. It is a constant process of evolution, all the more so in a world that".

Train @ Home

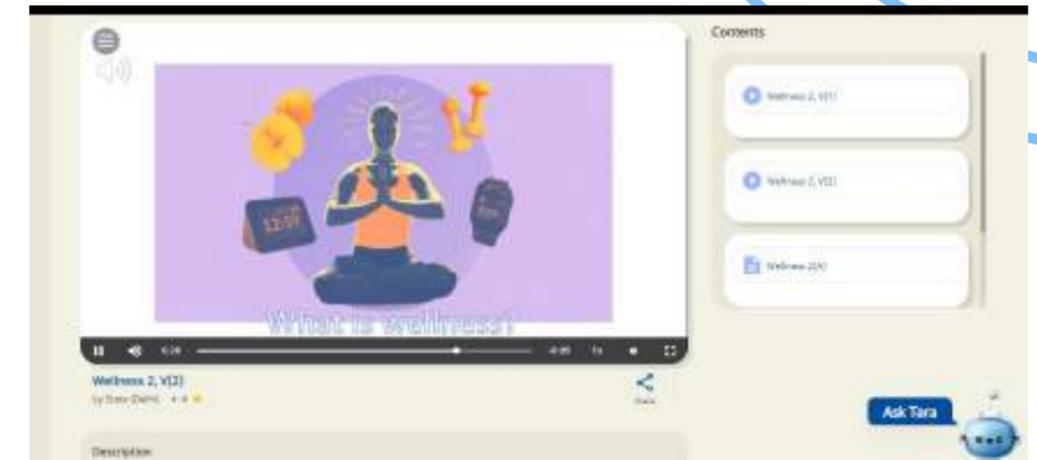
Under Train@home Initiative SCERT Delhi has trained **95220 Teachers & HoS** on need based topics till now through DIKSHA portal **“LEAD”**.



Designing Online Assessments



Fabricating Audio-Video based Assessments

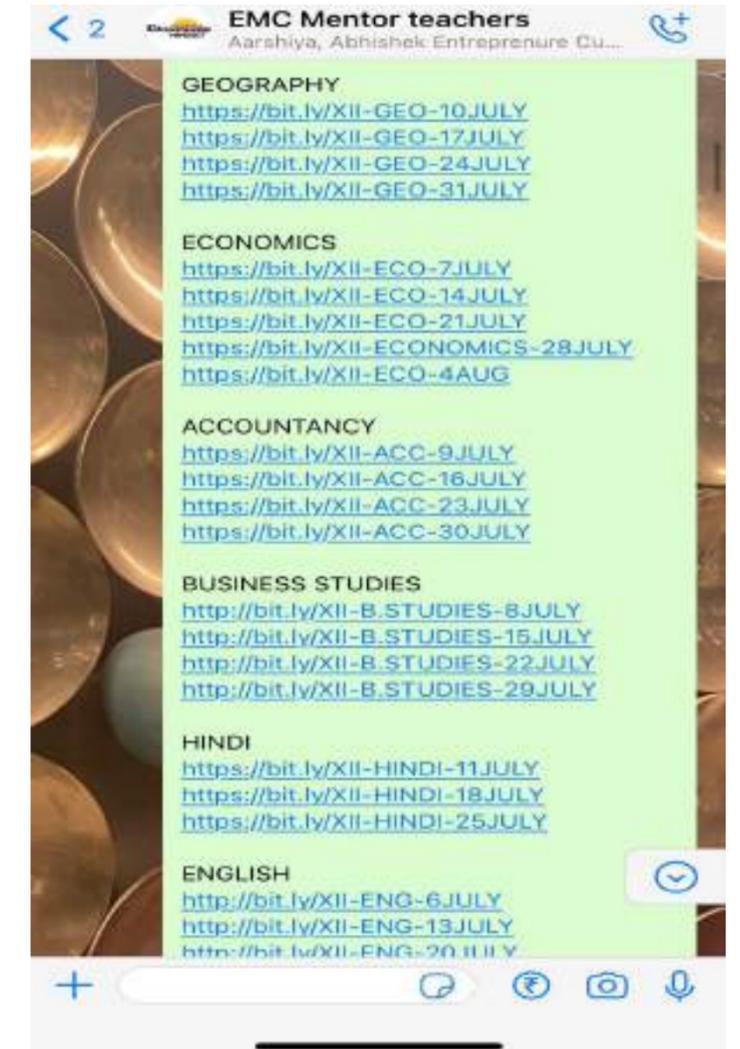


Wellness is a key to balancing life skills'



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.



DIKSHA TRAINING IN PROCESS

Energized Textbook



**Cyber Awareness
and Ethics**



Ideation

Trainings



Financial Literacy



**Career Guidance
and Counselling**



**Multidisciplinary
Approach in Classrooms**



**Understanding of
Inclusive Classroom**



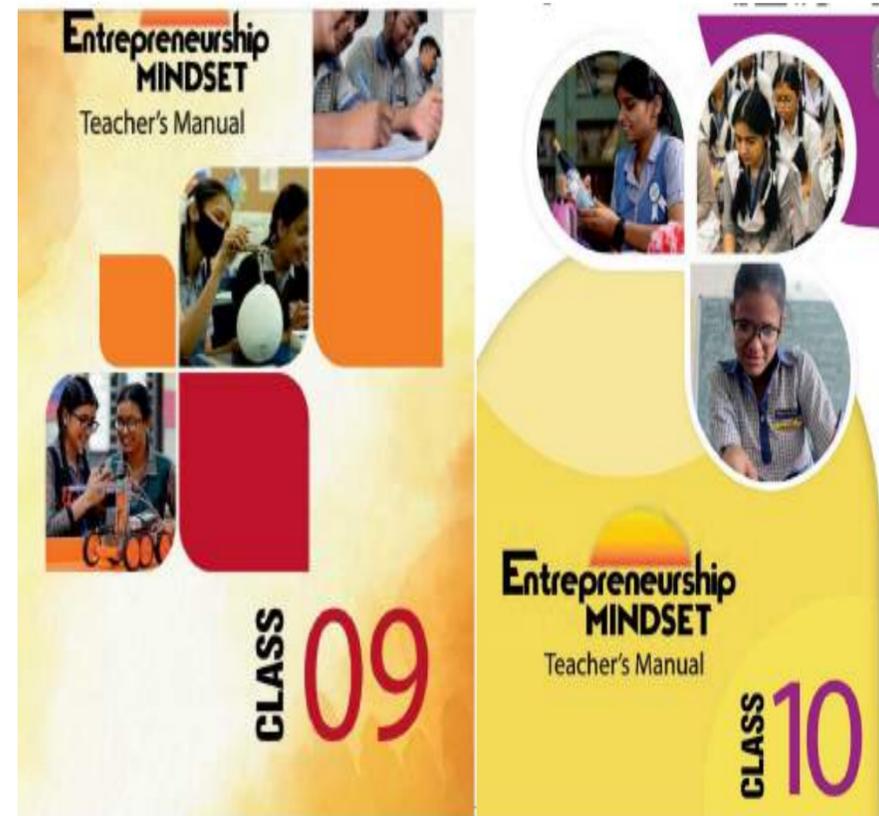
**Innovative Practices in
Mathematics Classroom**

Energised Book developed by SCERT

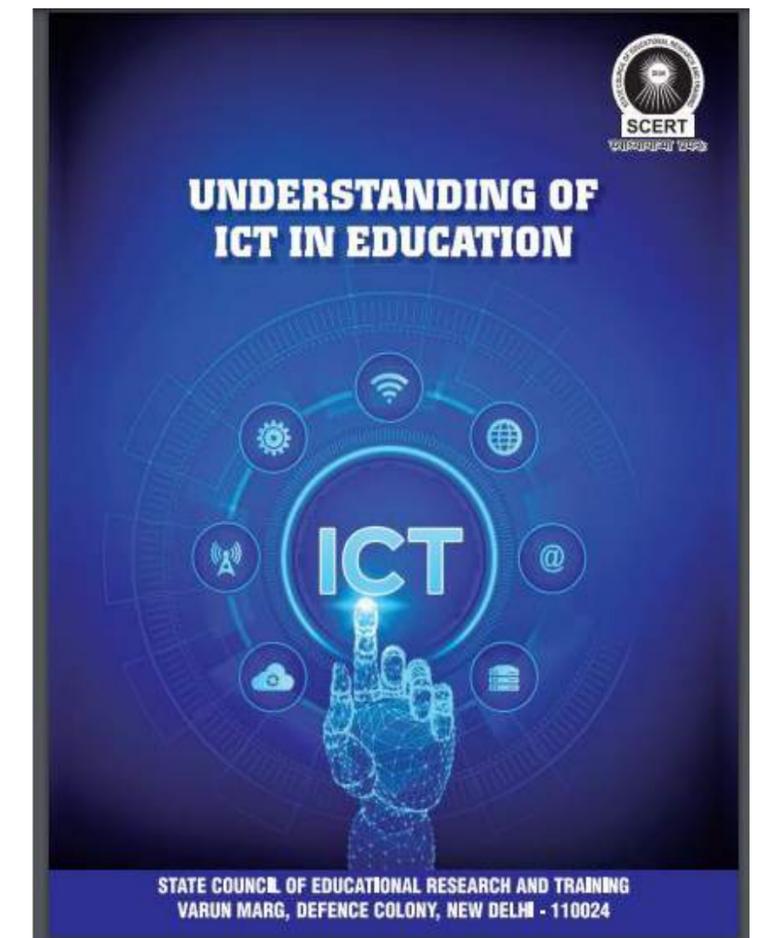
11 Energized books on Foundational Literacy and Numeracy



11 Energized books on Entrepreneurship Mindset Curriculum



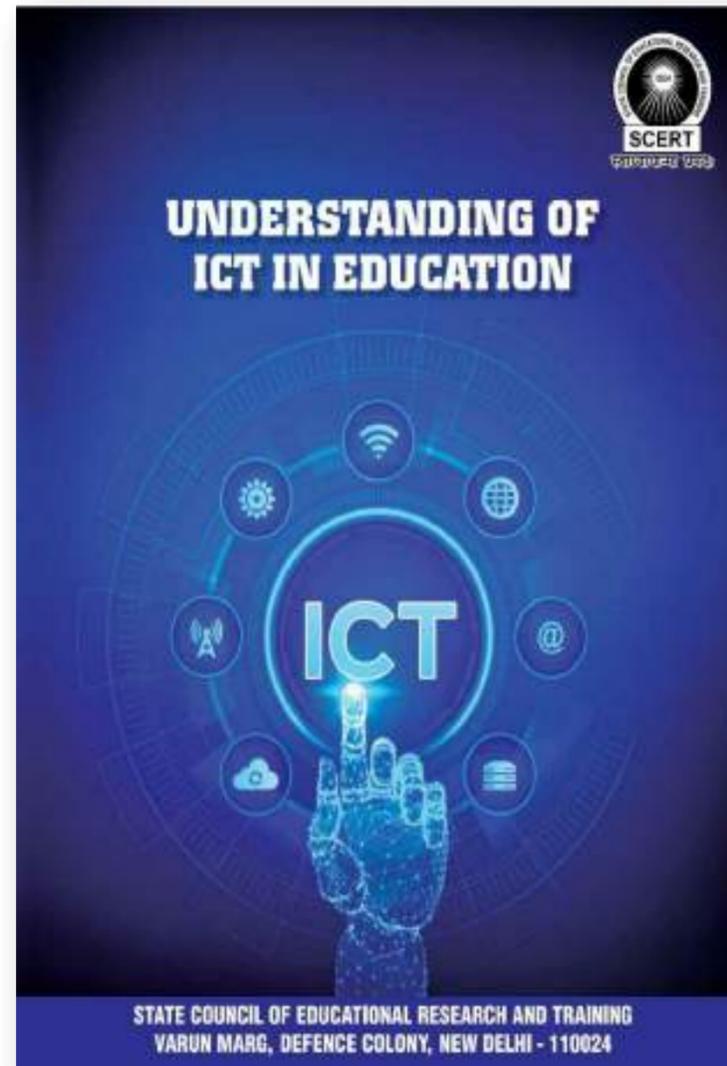
Energized book on Understanding of ICT



Energised Book developed by SCERT



https://diksha.gov.in/play/collection/do_3134941661652828161289?contentType=TextBook

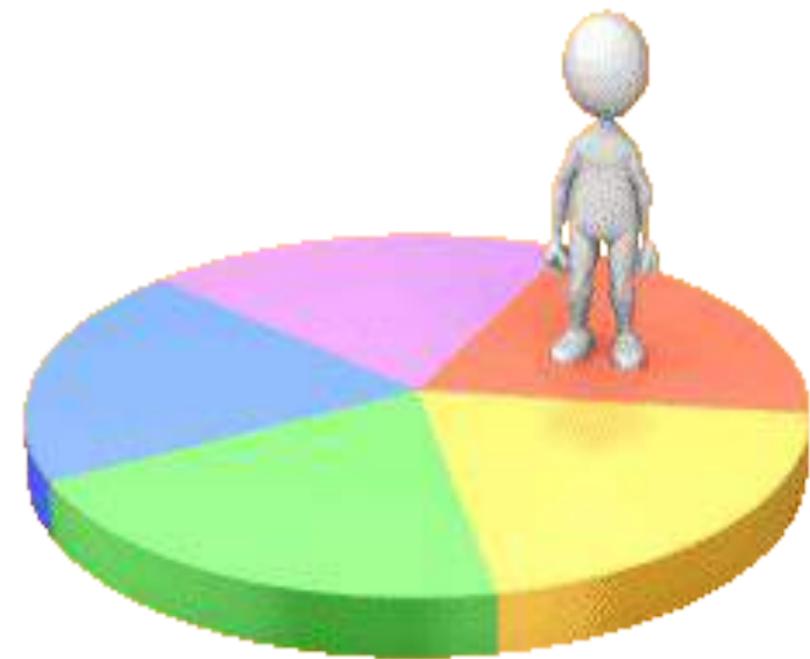


Vidya Amrit Mahotsav

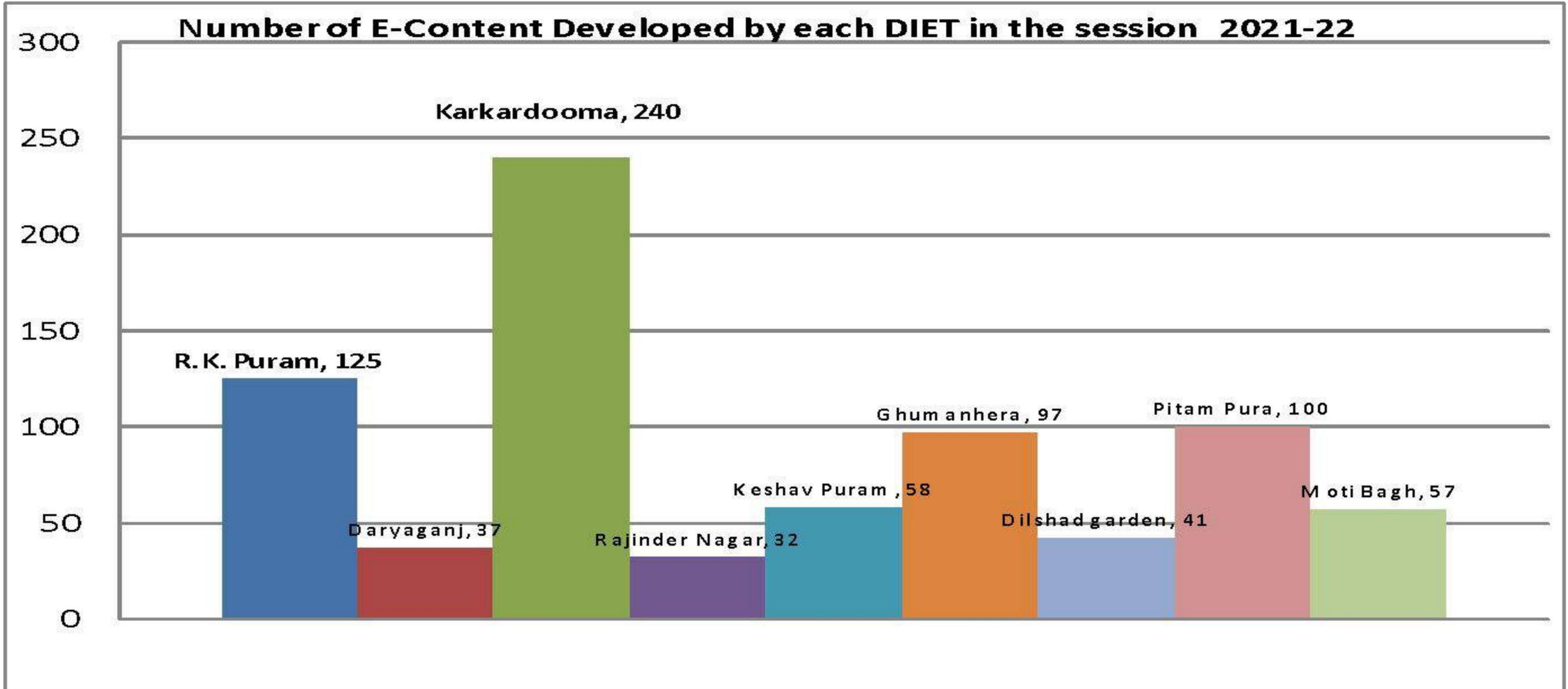
Delhi has also participated in Vidya Amrit Mahotsav an initiative by NCERT in which teachers, teacher educators have to submit their video of Innovative Pedagogy for participation through DIKSHA.



DELHI'S E-CONTENT CONTRIBUTION THROUGH VIDYADAAN IN THE SESSION 2021-22 ON DIKSHA.



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



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



content-player-1

English

sink or float ?
Hindi, Environmental Studies, Social Science Class 3, Class 4, Class 5, Class 6, Class 7, Class 8



sink or float ?
by State (Delhi)

Ask Tara

https://diksha.gov.in/play/content/do_431353388610413363219873

content-player 2

English

Preparation of Soil
Science Class 8



Preparation of Soil
by State (Delhi)

Description
Crop Production and Management

Ask Tara

https://diksha.gov.in/resources/play/content/do_43134800590422179841991

content-player 3

English

The Ant and the Cricket
English Class 8



The Ant and the Cricket
by State (Delhi)

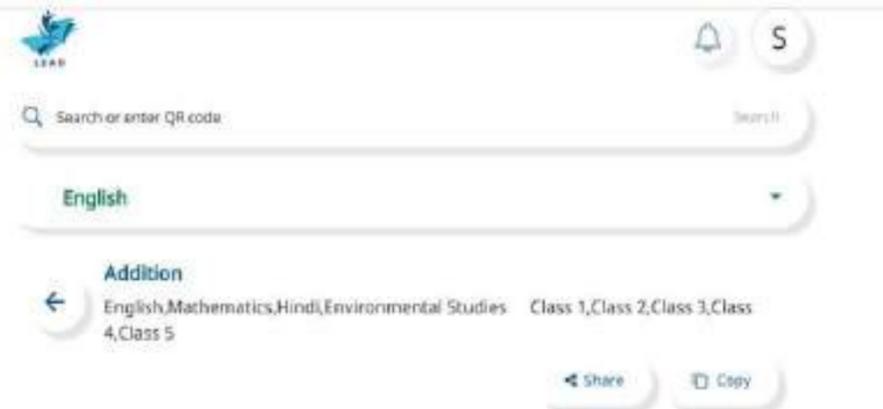
Ask Tara

https://diksha.gov.in/resources/play/content/do_43134794229111357441742



Samples

← content-player 5

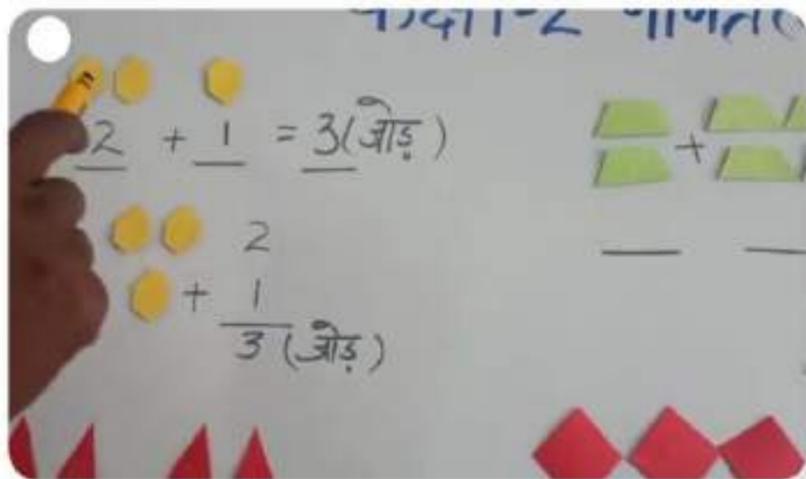


Search or enter QR code

English

Addition
English,Mathematics,Hindi,Environmental Studies Class 1,Class 2,Class 3,Class 4,Class 5

Share Copy

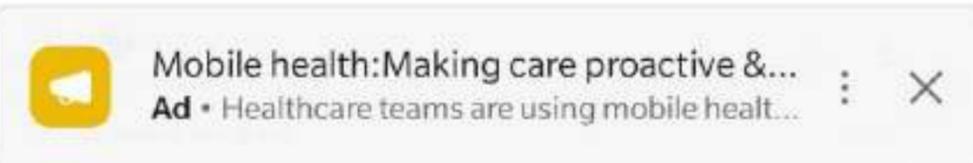


Addition
by State (Delhi)

About the content

Ask Tara

← content-player 4



Mobile health:Making care proactive &...
Ad • Healthcare teams are using mobile health...

English

ANDER AUR BAHAR
English,Mathematics,Hindi,Environmental Studies Class 1,Class 2,Class 3,Class 4,Class 5

Share Copy

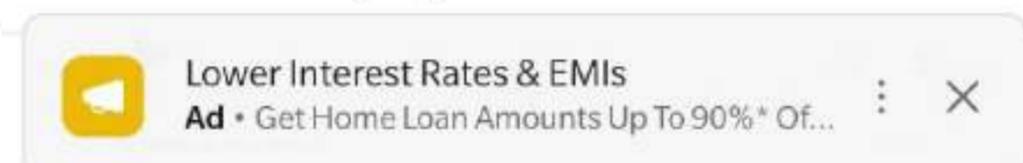


ANDER AUR BAHAR
by State (Delhi)

About the content

Ask Tara

← content-player 6

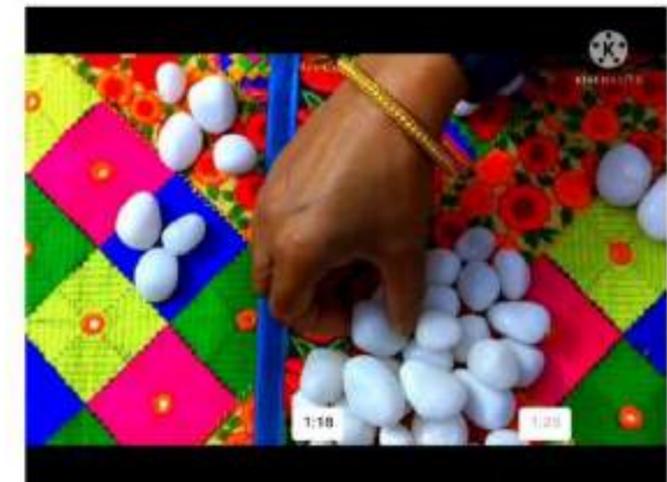


Lower Interest Rates & EMIs
Ad • Get Home Loan Amounts Up To 90%* Of...

English

Addition
English,Mathematics,Hindi,Environmental Studies Class 1,Class 2,Class 3,Class 4,Class 5

Share Copy



Addition
by State (Delhi)

About the content

Ask Tara

<https://vdm.diksha.gov.in/sourcing/nominations/d63c9e20-bfb7-11ec-95b8-29f35b528ab4>

https://diksha.gov.in/resources/play/content/do_431351972696416256016211

https://diksha.gov.in/resources/play/content/do_431352120425923379216354

Samples

← content-player 7

LEARN

Search or enter QR code

English

अक्षर (भाग-1)
Hindi, Environmental Studies, Social Science Class 3, Class 4, Class 5, Class 6, Class 7, Class 8

Share Copy

अक्षर (भाग-1)
by State (Delhi)

About the content Ask Tara

https://diksha.gov.in/resources/play/content/do_431353392281260032019911



https://diksha.gov.in/resources/play/content/do_431353392281260032019911

← content-player 8

LEARN

Search or enter QR code

English

sink or float ?
Hindi, Environmental Studies, Social Science Class 3, Class 4, Class 5, Class 6, Class 7, Class 8

Share Copy

sink or float ?
by State (Delhi)

About the content Ask Tara

https://diksha.gov.in/resources/play/content/do_431353388610413363219873



https://diksha.gov.in/resources/play/content/do_431353388610413363219873

SCERT Website



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](#)

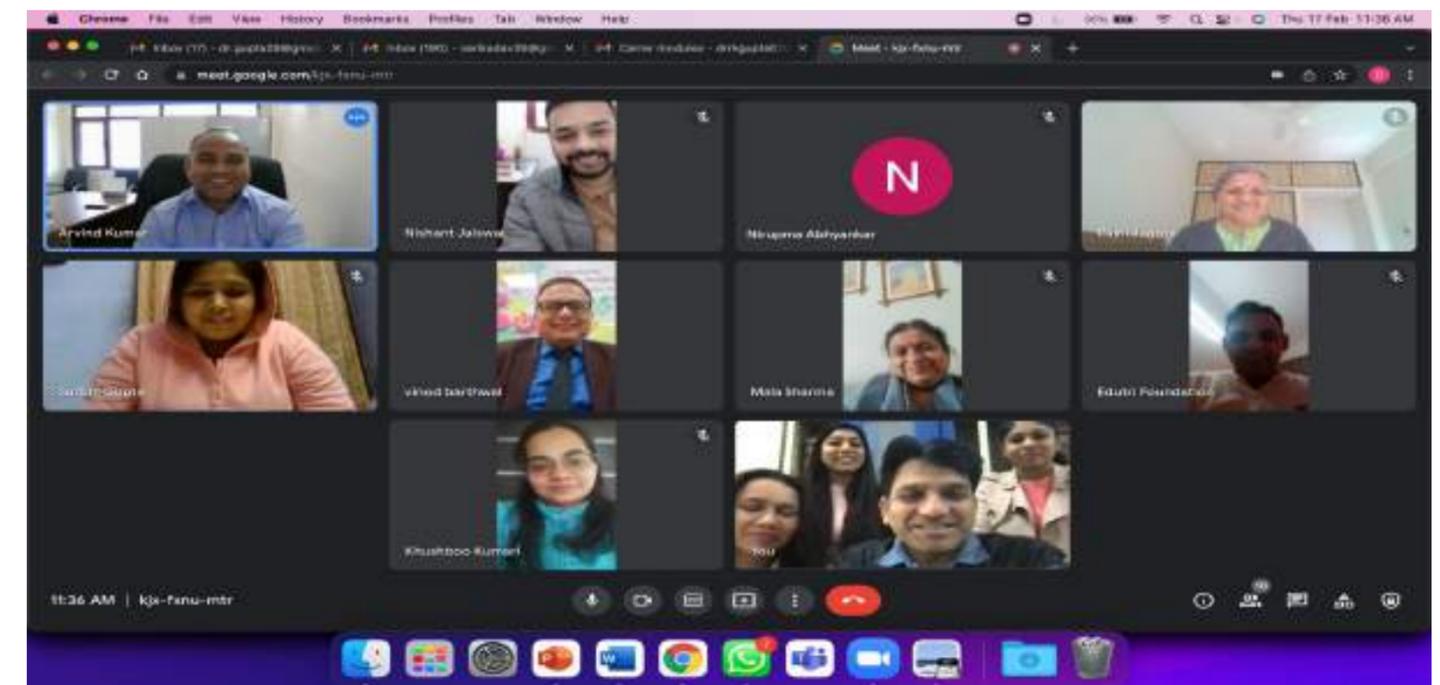
- Admission
- Research Projects
- Vidyanjali in Delhi
- INSET Annual Calendar
- NCTE
- Directorate of Education

[View More](#)

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

Online TRAINING OF TEACHERS

- 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...



NISHTHA Training

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

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.

QR Code Booklet

Chapter 1
Chemical Reaction And
Equation



Chemical Equations

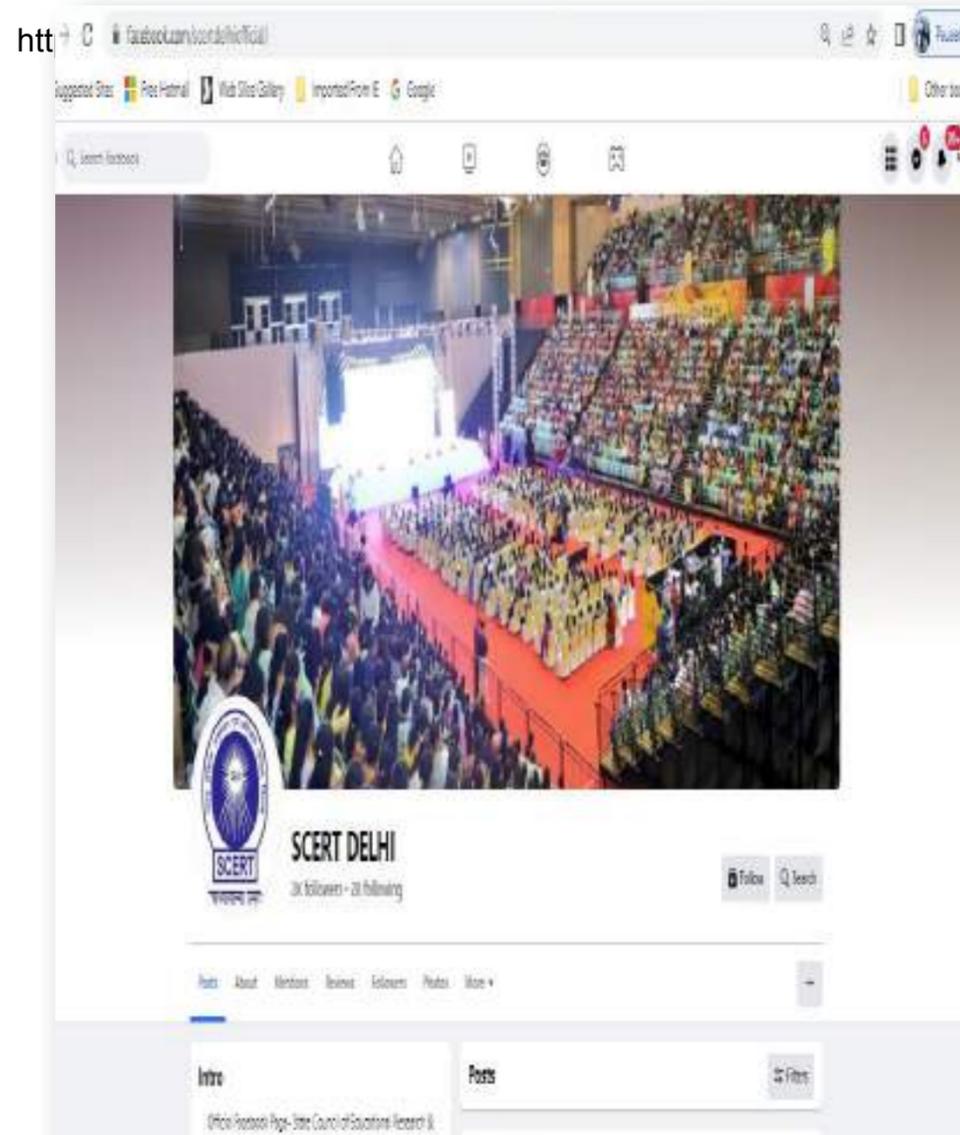


Types of Chemical
Reactions

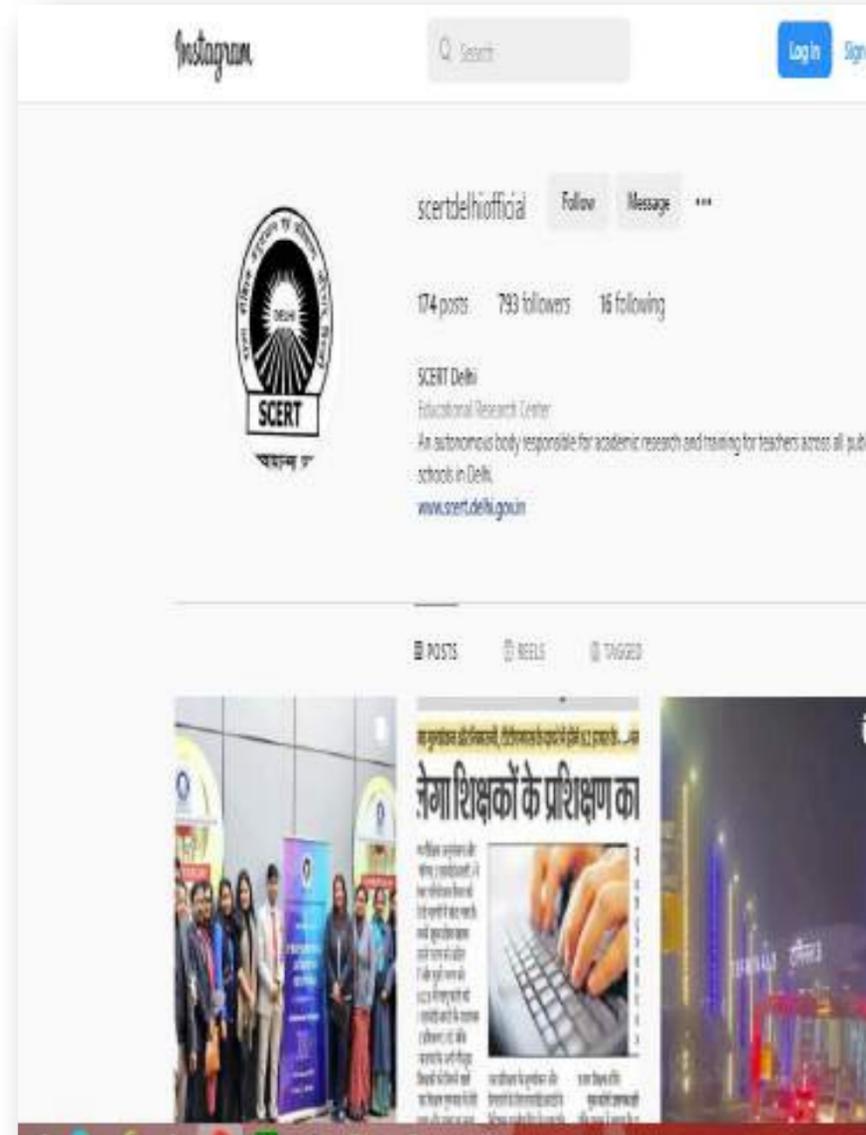
Have You Observed the Effects
of Oxidation Reactions in
Everyday Life?



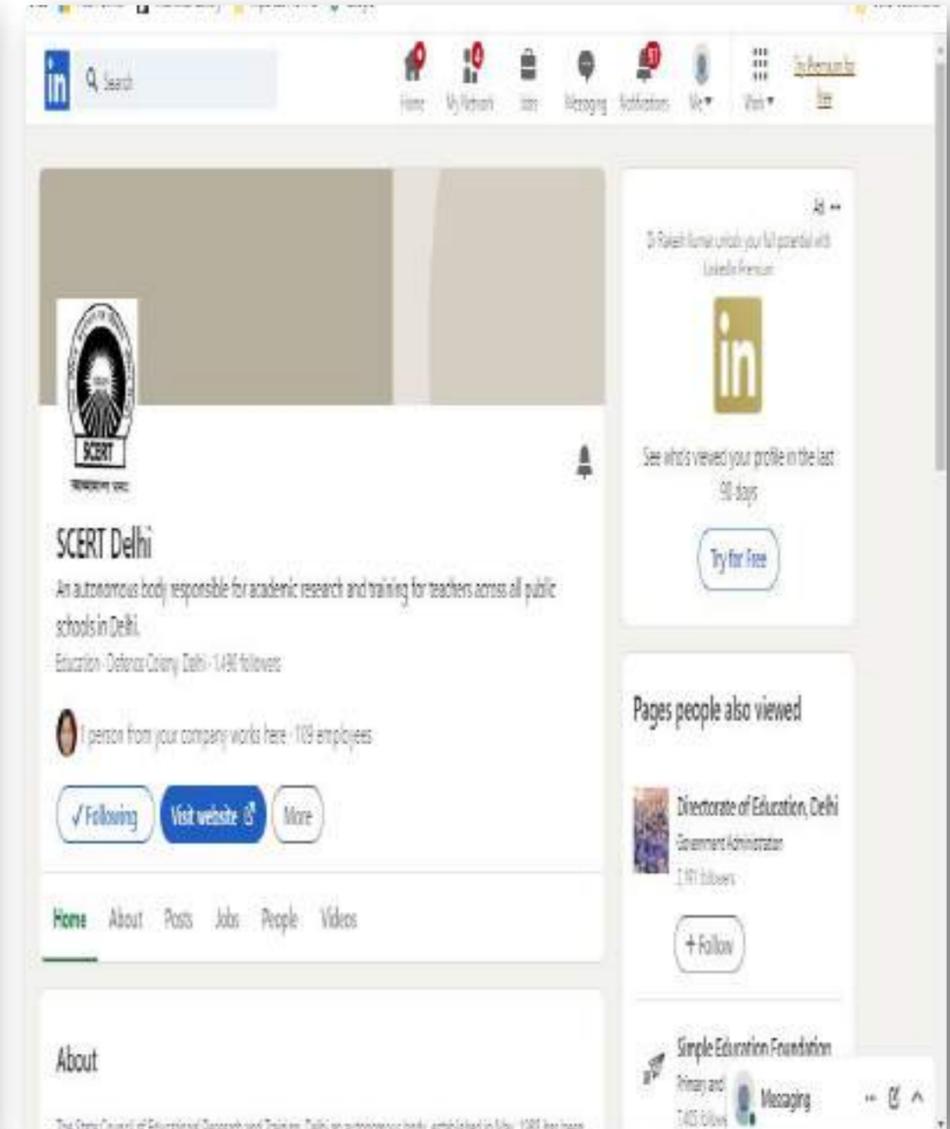
SCERT Social Media



A screenshot of the SCERT Delhi Facebook page. The browser address bar shows 'facebook.com/scertdelhiofficial'. The page features a large cover photo of a crowded auditorium with a stage. The profile picture is the SCERT logo. The name 'SCERT DELHI' is displayed with '38 followers · 21 following'. Navigation tabs for 'Intro', 'Posts', and 'Filter' are visible at the bottom.



A screenshot of the SCERT Delhi Instagram profile. The profile name is 'scertdelhiofficial' with 'Follow' and 'Message' buttons. Statistics show '174 posts', '793 followers', and '16 following'. The bio identifies SCERT Delhi as an 'Educational Research Center' and an 'autonomous body responsible for academic research and training for teachers across all public schools in Delhi', with the website 'www.scertdelhi.gov.in'. The grid shows a post with a group photo and a poster titled 'नेमा शिक्षकों के प्रशिक्षण का' (Training of Nema Teachers).



A screenshot of the SCERT Delhi LinkedIn page. The profile picture is the SCERT logo. The name 'SCERT Delhi' is shown with 'An autonomous body responsible for academic research and training for teachers across all public schools in Delhi.' and 'Education · Defence Colony, Delhi · 1,496 followers'. It indicates '1 person from your company works here · 109 employees'. Navigation tabs include 'Home', 'About', 'Posts', 'Jobs', 'People', and 'Videos'. The right sidebar shows a 'Pages people also viewed' section with 'Directorate of Education, Delhi' and 'Simple Education Foundation' listed.

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



Mindfulness Practice Puts the Mind in Neutral Gear

- Psychological well-being
- Cognitive function (quality of mind)
- Pain control (no comments - suffering)
- Creativity (free of fear-based decisions)
- Focus (paying attention to what is)
- Avoid accidents (sleep while awake)
- Joy (less stress from ongoing comments)
- Health (body can heal)
- Compassion (see human qualities more clearly)
- Resilience (face reality)

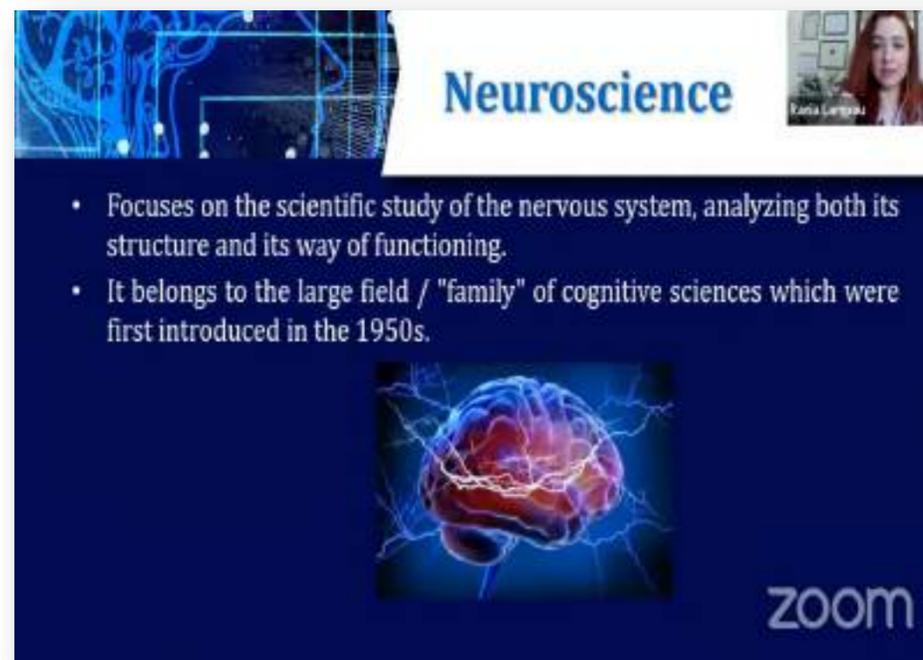
Nelle Brunsch, Ed.D. zoom



Physical Challenges for Education

Population growth, Intra-urban, Facilities, Disabilities with higher births and higher mortality rates, Nutrition, Skills training

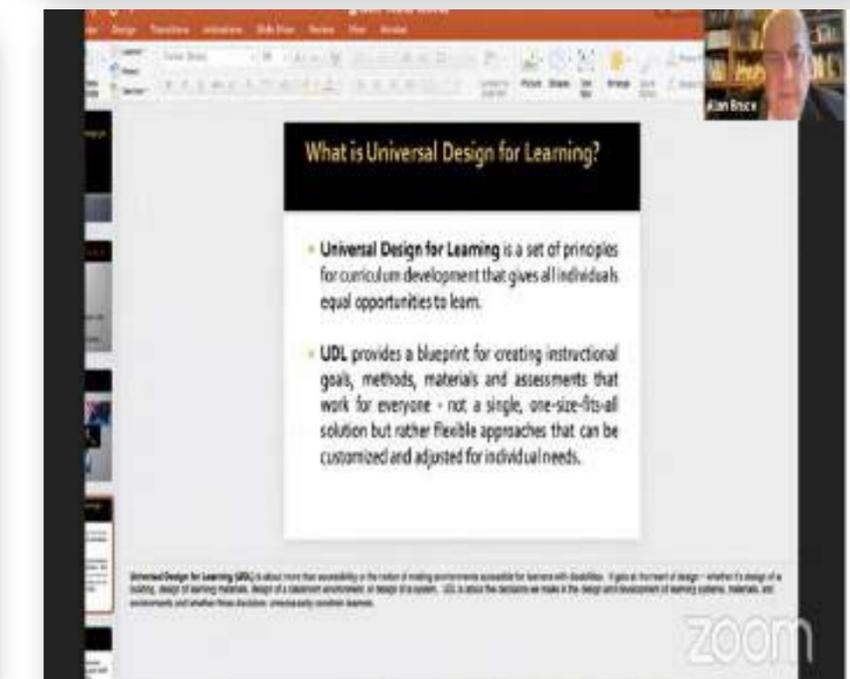
Zoom meeting interface with participants: Shweta Singh, Shivani Singh, Vishal Yadav, Neelam Kumari



Neuroscience

- Focuses on the scientific study of the nervous system, analyzing both its structure and its way of functioning.
- It belongs to the large field / "family" of cognitive sciences which were first introduced in the 1950s.

zoom



What is Universal Design for Learning?

- Universal Design for Learning is a set of principles for curriculum development that gives all individuals equal opportunities to learn.
- UDL provides a blueprint for creating instructional goals, methods, materials and assessments that work for everyone - not a single, one-size-fits-all solution but rather flexible approaches that can be customized and adjusted for individual needs.

zoom

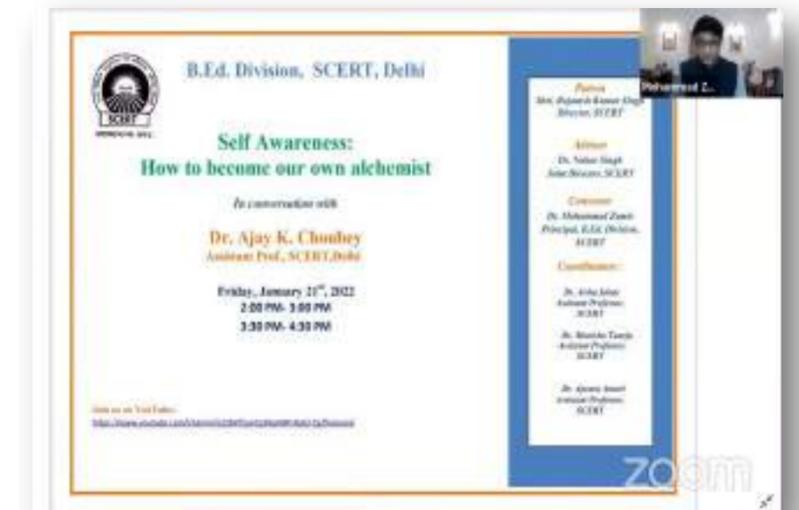
National Webinars

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



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

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 कोशिक
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। मुक्त 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 मुक्त 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।



क्लिक पर मिलेगा शिक्षकों के प्रशिक्षण का लेखा-जोखा

नई दिल्ली, चरिष्ठ 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।

Digital Infrastructure



स्वाध्यायान्मा प्रमदः

Studio at SCERT

STATE COUNCIL OF EDUCATIONAL RESEARCH AND TRAINING
(AN AUTONOMOUS ORGANISATION OF EDUCATION DEPARTMENT, GNCT OF DELHI)
VARUN MARG, DEFENCE COLONY, NEW DELHI - 110024

STUDIO MANUAL

<http://scert.delhi.gov.in/>

scertdelhiofficial scertdelhiofficial scert-delhi scertdelhi scertdelhi



Camera for
Live
Recording
of class
with mic

Smart Classroom in B.ED



HAPPINESS CURRICULUM

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



स्वाध्यायान्मा प्रमदः

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.*

Directorate of Education Website

Director (Education), GNCTD on Dr. B. R. Ambedkar Schools of Specialised Excellence at 11:30 AM, 28/12/22 *** **** Launch of Delhi Robotics I

School Information Courses & Careers Attendance Report Mega Book Fair-VI Sports Inclusive Education Happiness EMC Search Box

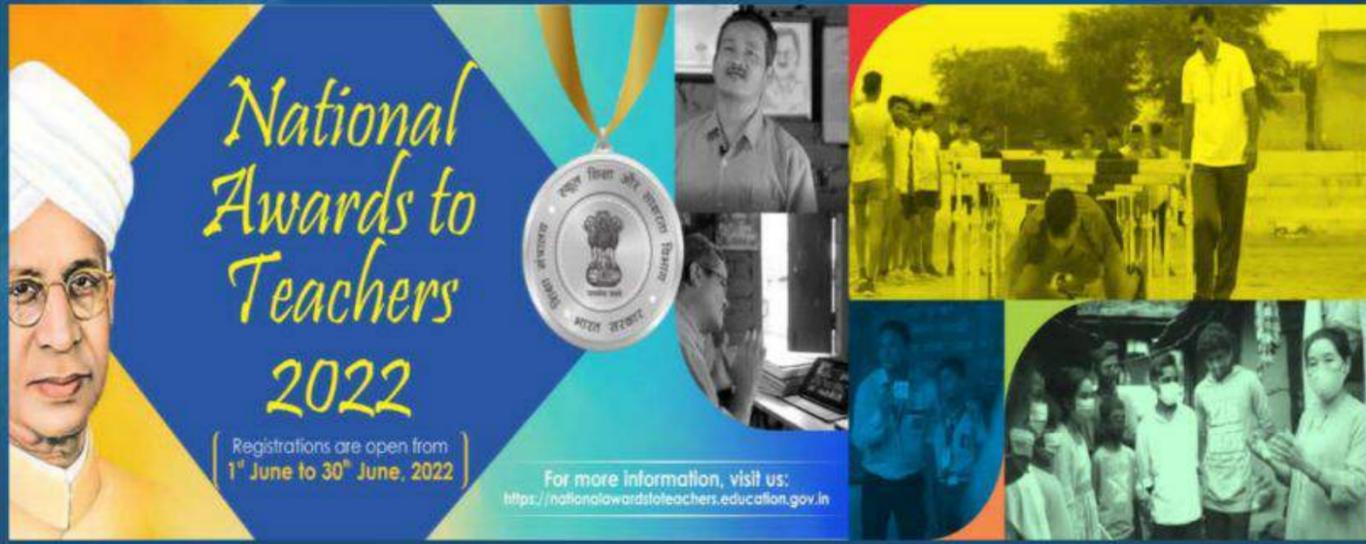


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 **DEL E**
Click Here to Login

Education Department

Govt. of NCT of Delhi



National Awards to Teachers 2022
Registrations are open from 1st June to 30th June, 2022
For more information, visit us: <https://nationalawardstoteachers.education.gov.in>

Govt. School Admissions | EWS / DG Admissions and EWS / Freeship Admissions | Tenders | Complaints against Sexual Harassment at Workplace | Acts & Rules | Academics & Examinations

STUDENT | SCERT ADMISSION | SCERT | SAMAGRA SHIKSHA | UDISE+ | CALTOONZ

DoE at a Glance

1043

Number of school

70,000(approx.)
Including regular & Guest teachers

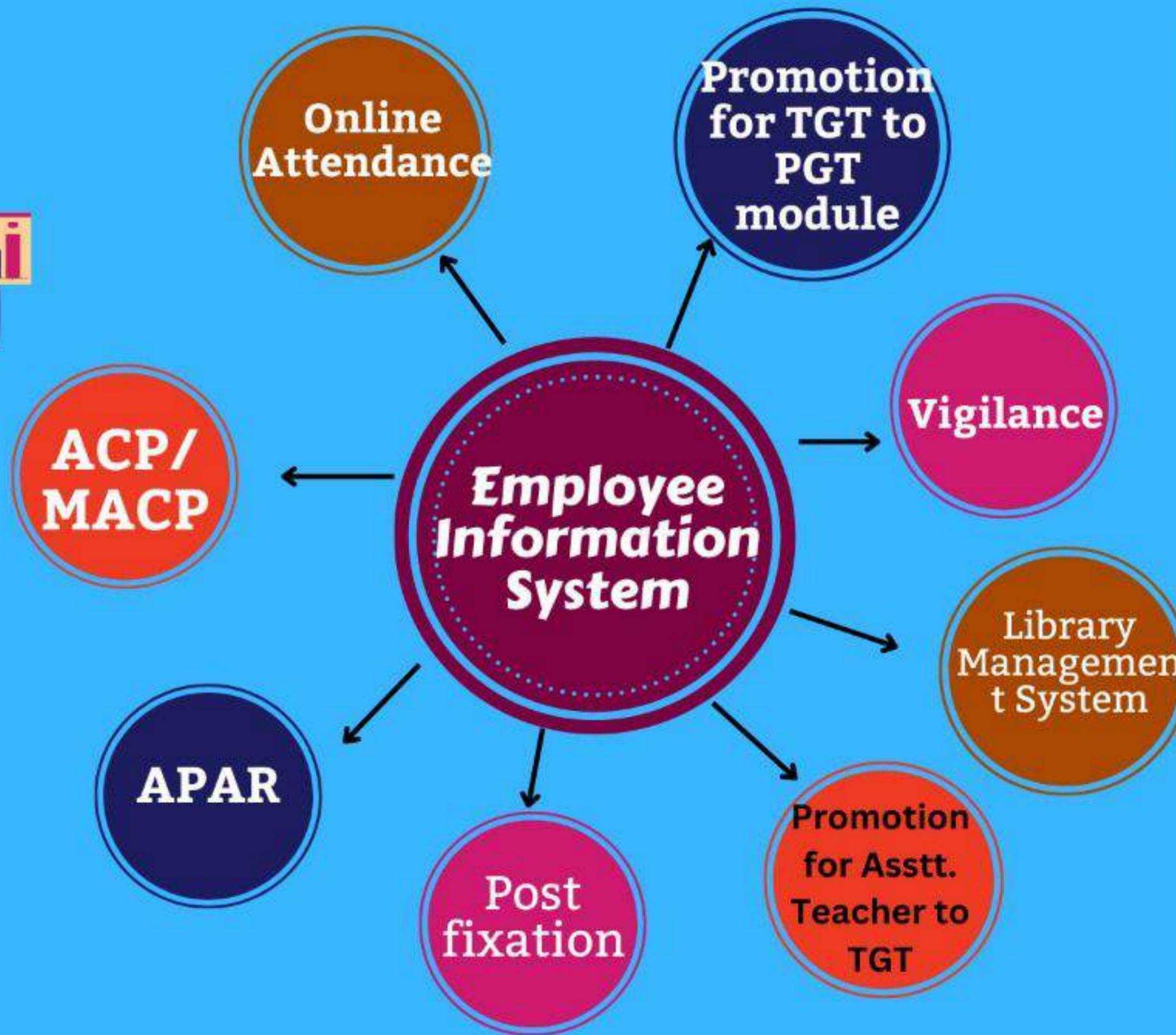
Number of Teachers

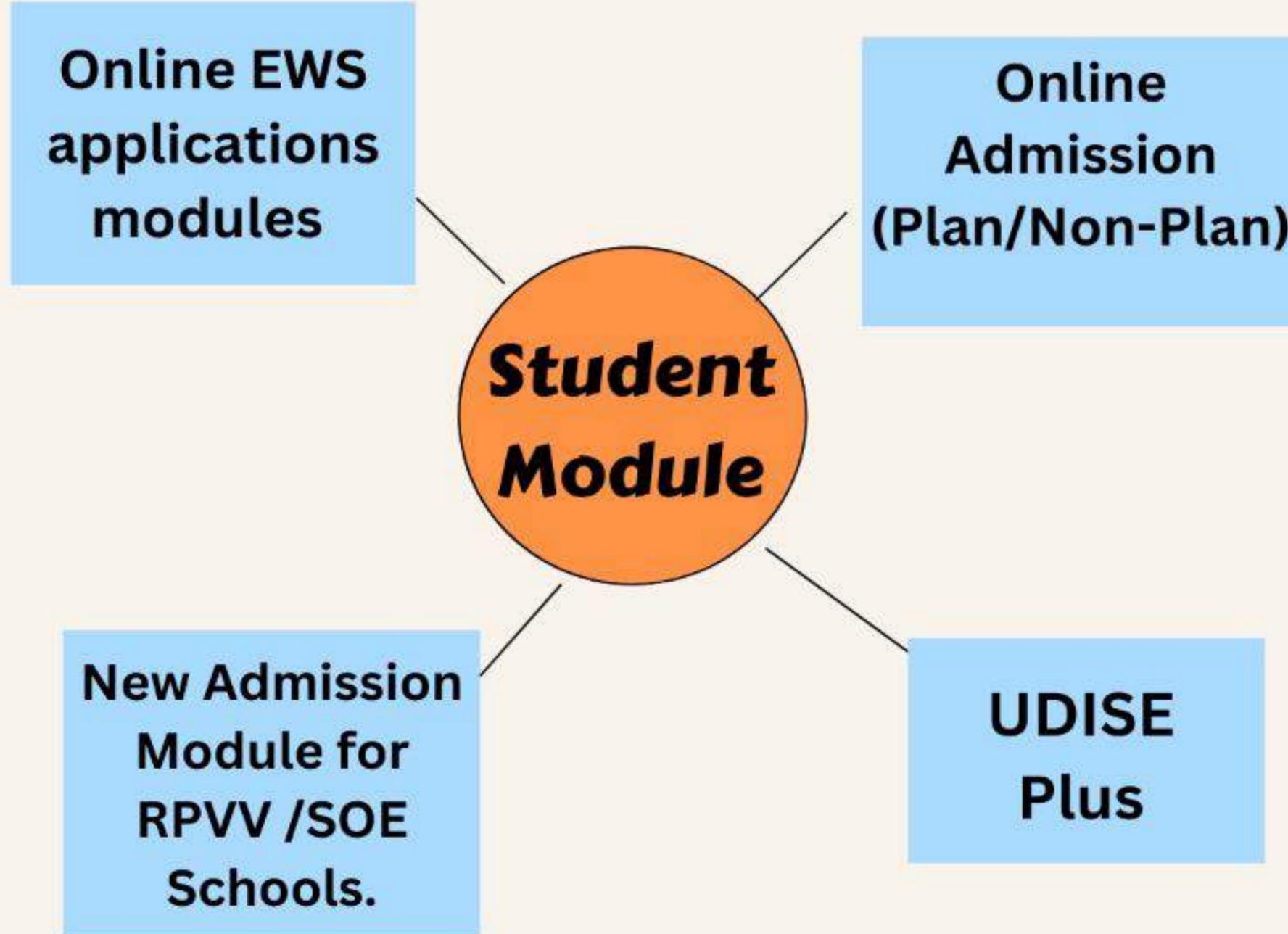
18,00,000
(approx.)

Number of students

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







[New Links](#)[CAL](#)[Mail](#)[Attendance](#)[Circular](#)[Order](#)[Change Password](#)

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

- [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 \(OCP\)](#)
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- [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 \(DR\) \(Dated-21.12.2018\)](#)

You logged 1273
times

Online Applications

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

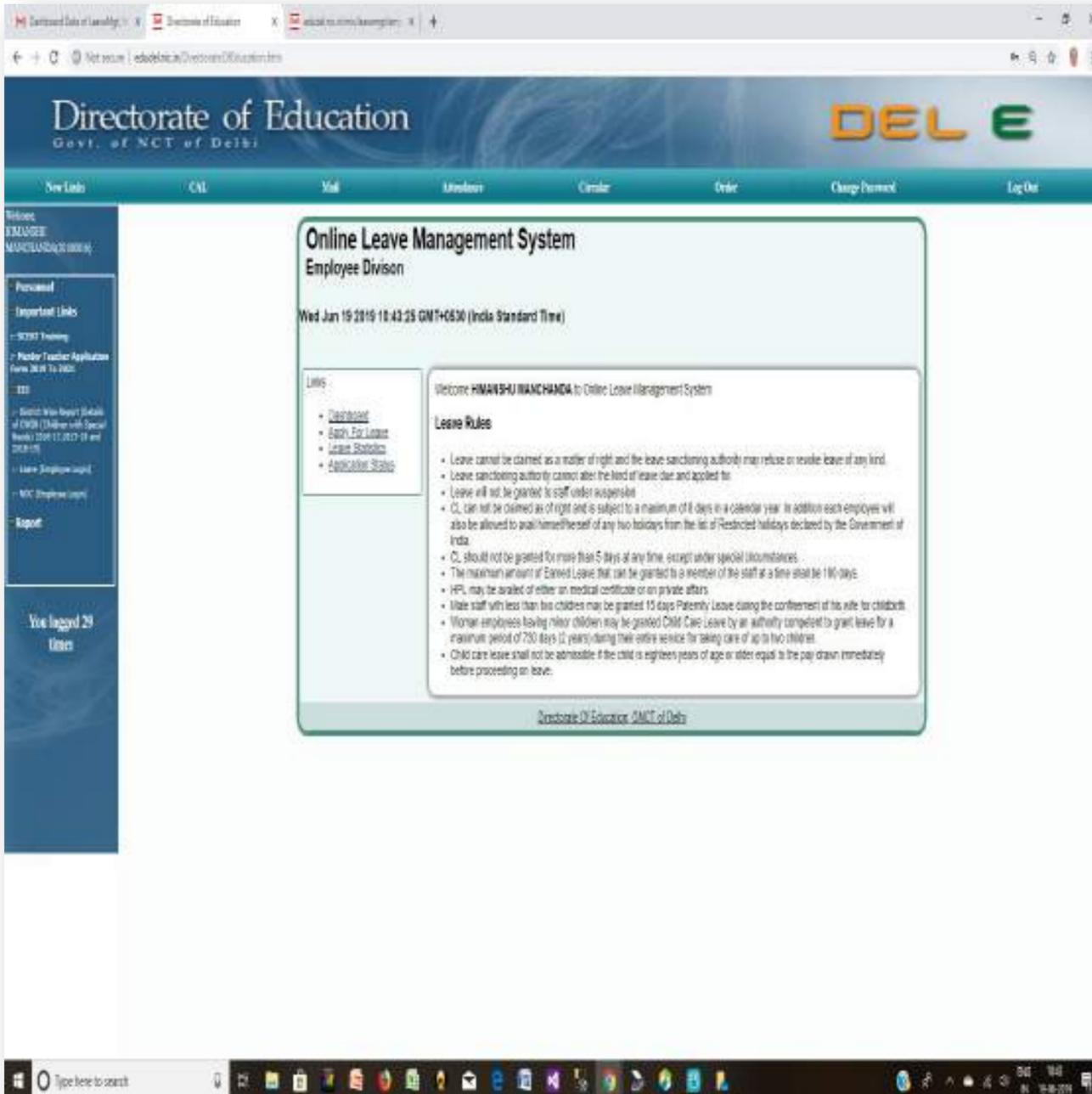
National Talent Search Exam (NTSE)/Mukhyamantri Vigyan Pratibha Pariksha (MVPP)/ National Means cum Merit Scholarship Examination(NMMSE) web application

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

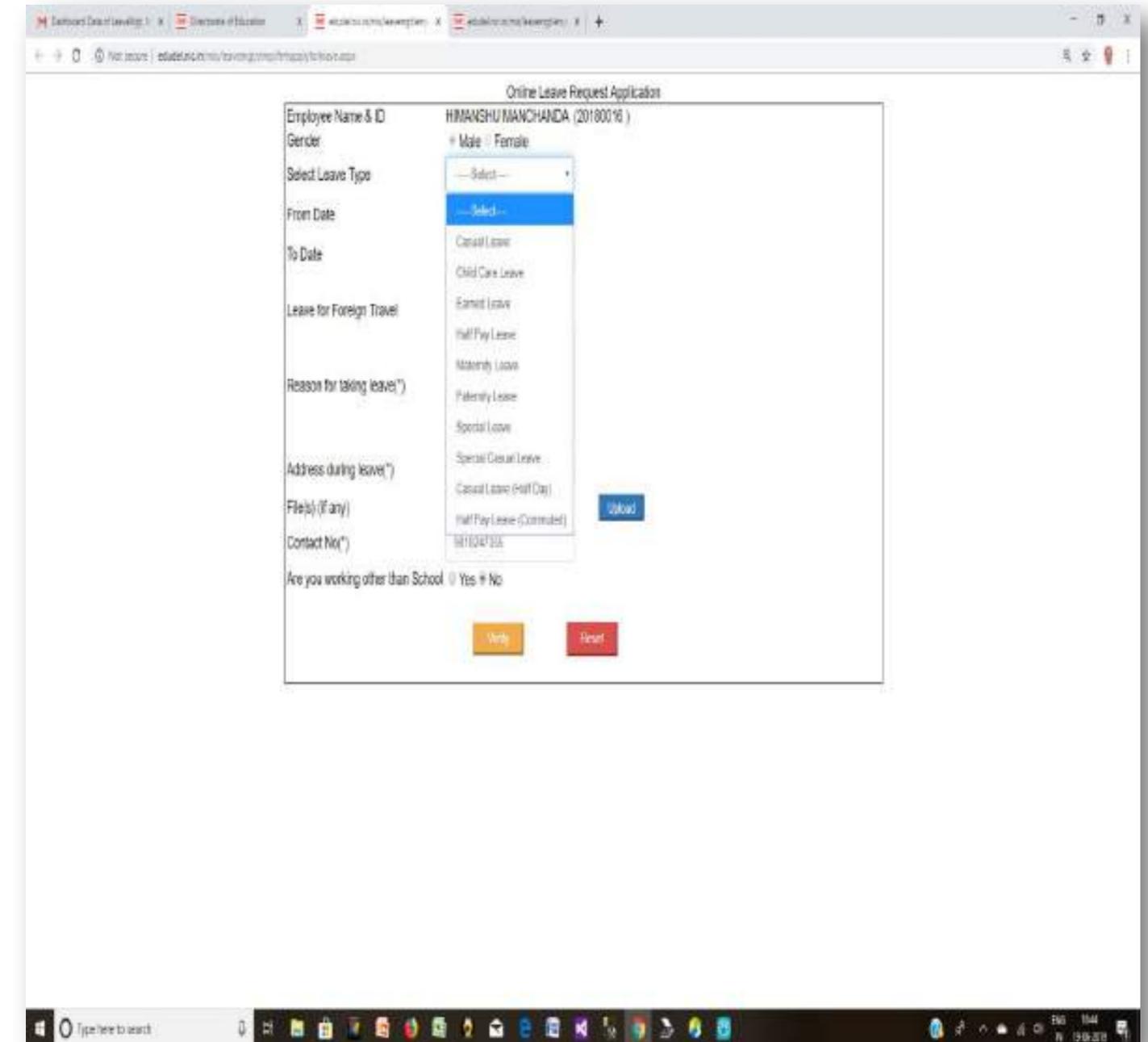
Delhi Board School Education(DBSE)
(<http://dbse.delhi.gov.in>)

Online Leave Management

Apply Leave



The screenshot shows the homepage of the Online Leave Management System. The header includes the Directorate of Education logo and the text 'DEL E'. A navigation bar contains links for 'New Links', 'CNL', 'Mail', 'Attendance', 'Circular', 'Order', 'Change Password', and 'Log Out'. The main content area is titled 'Online Leave Management System Employee Division' and displays the date and time: 'Wed Jun 19 2019 10:43:25 GMT+0530 (India Standard Time)'. A 'Links' section includes 'Dashboard', 'Apply For Leave', 'Leave Rules', and 'Application Status'. A 'Leave Rules' section contains a list of guidelines for leave application, such as 'Leave cannot be claimed as a matter of right' and 'Leave sanctioning authority cannot alter the kind of leave due and applied for'. The footer of the page reads 'Directorate Of Education, NCT of Delhi'.



The screenshot shows the 'Online Leave Request Application' form. The form is titled 'Online Leave Request Application' and is for employee 'HIMANSHU MANCHANDA (20180016)'. The form fields include: 'Employee Name & ID', 'Gender' (Male/Female), 'Select Leave Type' (dropdown menu), 'From Date', 'To Date', 'Leave for Foreign Travel', 'Reason for taking leave(*)', 'Address during leave(*)', 'File(s) (if any)', and 'Contact No(*)'. A 'Download' button is located next to the 'File(s)' field. At the bottom of the form, there are 'Apply' and 'Reset' buttons. The form also includes a checkbox for 'Are you working other than School' with 'Yes' and 'No' options.

Online NOC Application



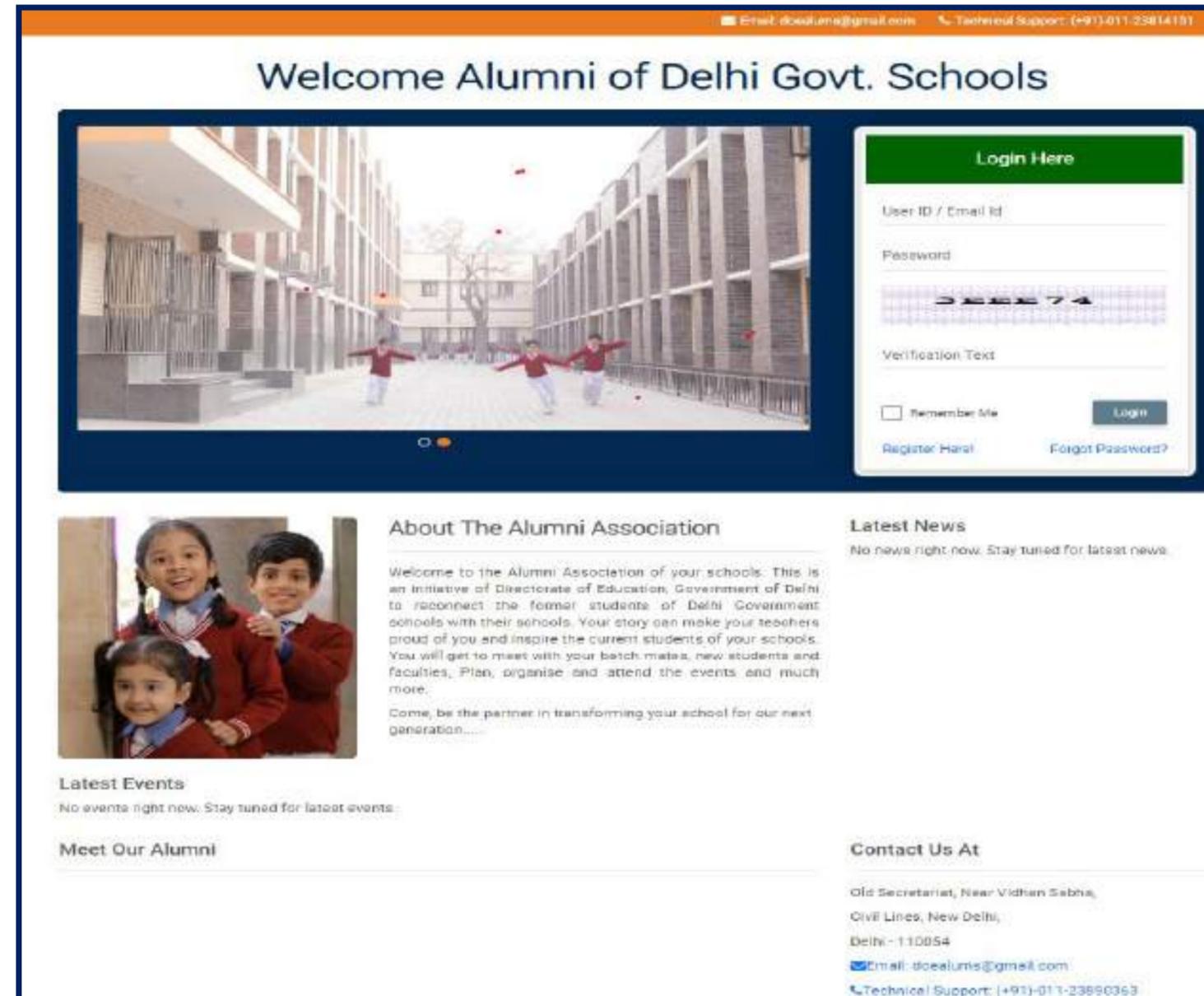
The screenshot shows the home page of the Directorate of Education's NOC application portal. The header includes the logo and navigation links like 'New Links', 'CAL', 'Mail', 'Attendance', 'Circular', 'Order', 'Change Password', and 'Log Out'. A sidebar on the left contains 'Personalized' information for user 'MANCHANDA2018018' and 'Important Links' such as 'NOC (Employee Login)' and 'NOC (Employee Logout)'. The main content area features a 'No Objection Certificate' banner with a photo of students, a 'Welcome 20180018 to NOC Application' message, and 'Employee Details' for Manoj Kumar Manchanda. A navigation menu on the left of the main content includes 'Home', 'Apply for NOC', 'Status', 'Created NOCs', 'Past NOCs', 'Reverted for Discrepancies', and 'Withdraw Application'.



The screenshot displays the 'PROFORMA' application form. It includes a header with the Directorate of Education logo and navigation links. The form is titled 'PROFORMA' and contains a table for 'Period of absence' with columns for 'From', 'To', 'Reason of absence', 'Estimated expenditure (Travel, Transport, Lodging, etc.)', 'Source of Funds', and 'Status of Occurrence required'. Below the table, there are sections for 'Declaration: I/We hereby declare that...' and 'Date: 29/06/2018'. At the bottom right, there are 'Cancel' and 'Submit Form' buttons, and a signature box for 'MANCHANDA2018018'.

DOE Alumni Portal

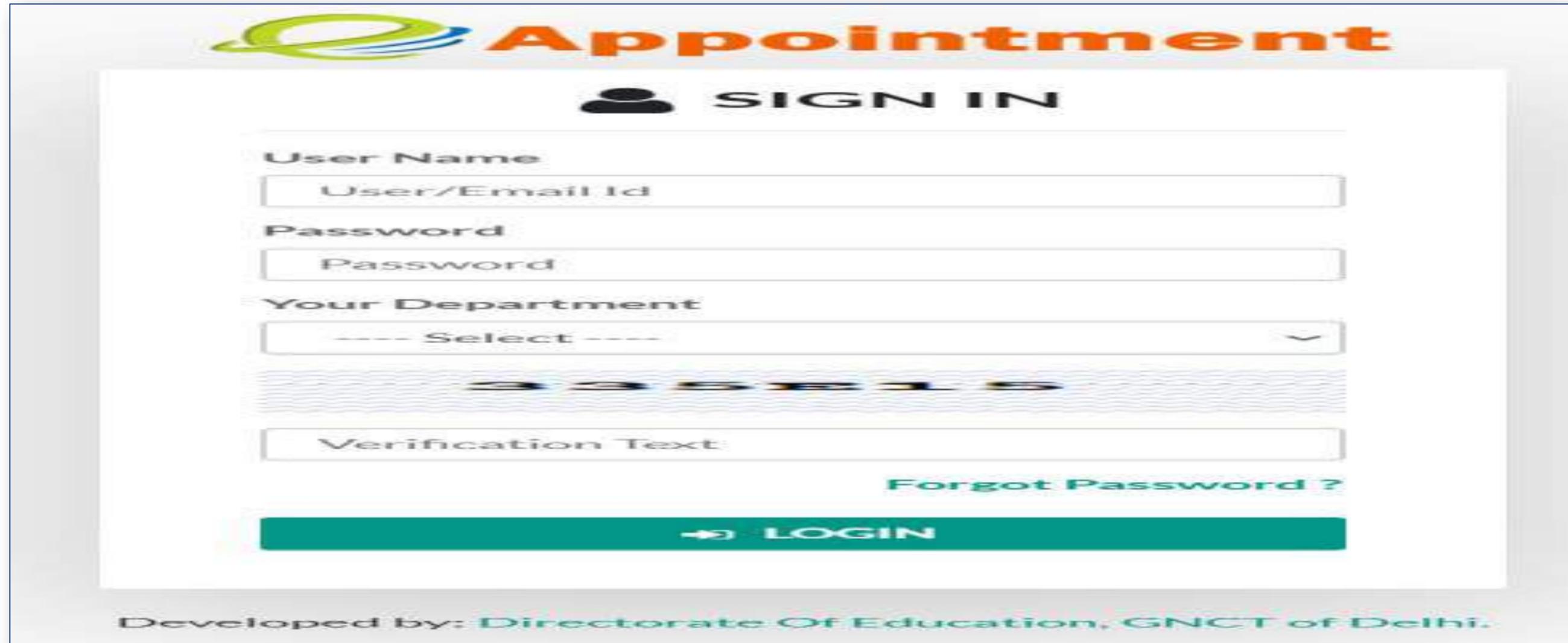
An initiative taken to reconnect all Alumnus of Directorate of Education.



The screenshot shows the DOE Alumni Portal website. At the top, it says "Welcome Alumni of Delhi Govt. Schools". Below this is a large image of a school courtyard with children playing. To the right of the image is a login form with fields for "User ID / Email Id", "Password", and "Verification Text". There are also checkboxes for "Remember Me" and buttons for "Login", "Register Here", and "Forgot Password?". Below the login form is a section titled "About The Alumni Association" with a photo of three children and a paragraph of text. To the right of this is a "Latest News" section with the text "No news right now. Stay tuned for latest news.". Below the "About The Alumni Association" section is a "Latest Events" section with the text "No events right now. Stay tuned for latest events.". At the bottom right is a "Contact Us At" section with the address "Old Secretariat, Near Vidhan Sabha, Civil Lines, New Delhi, Delhi - 110054", email "doealumis@gmail.com", and technical support number "+91-011-23890363".

E-Appointment Web Application

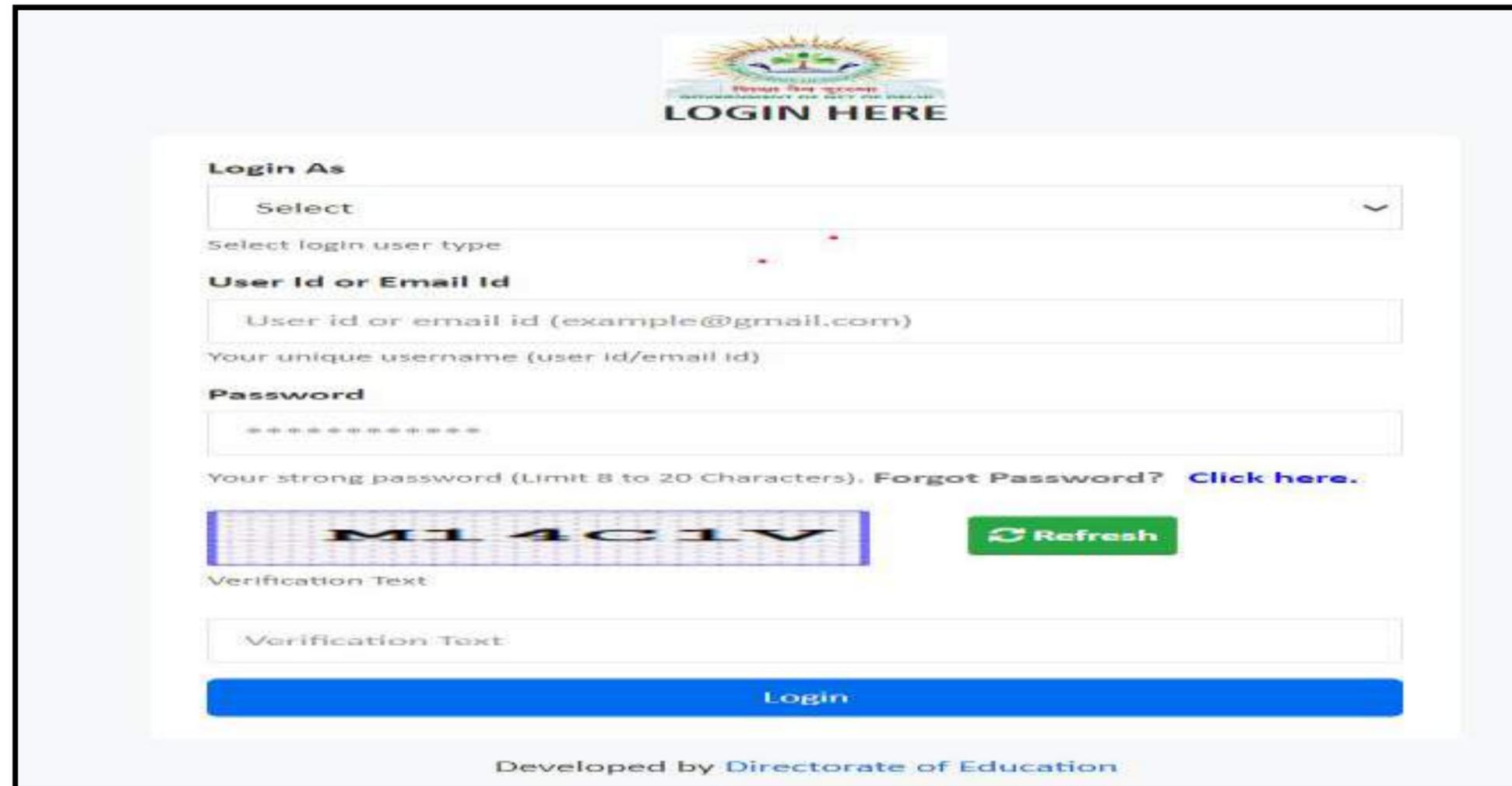
Web Application developed to digitalize recruitment process for all departments of GNCT of Delhi (<https://eappointment.delhi.gov.in>)



The screenshot shows the 'Appointment' web application's sign-in interface. At the top, there is a logo with a green and blue swirl and the word 'Appointment' in orange. Below it is a 'SIGN IN' heading with a person icon. The form contains the following fields: 'User Name' with a placeholder 'User/Email Id', 'Password' with a placeholder 'Password', and 'Your Department' with a dropdown menu showing '---- Select ----'. A security image with the text '335815' is displayed. Below the security image is a 'Verification Text:' field. A green link 'Forgot Password?' is located to the right of the verification field. At the bottom of the form is a large green button with a right-pointing arrow and the text 'LOGIN'. At the very bottom of the page, it says 'Developed by: Directorate Of Education, GNCT of Delhi.'

E-Patrachar Web Application

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



The screenshot shows the login interface of the E-Patrachar Web Application. At the top center, there is a logo with the text "LOGIN HERE". Below this, the form includes a "Login As" dropdown menu with "Select" as the current option. Underneath, it says "Select login user type:". The "User Id or Email Id" field contains the placeholder text "User id or email id (example@gmail.com)" and is labeled "Your unique username (user id/email id)". The "Password" field is masked with asterisks and is labeled "Your strong password (Limit 8 to 20 Characters). Forgot Password? [Click here.](#)". A CAPTCHA image showing the text "M14C1V" is displayed, along with a green "Refresh" button. Below the CAPTCHA is a text input field for "Verification Text". At the bottom of the form is a large blue "Login" button. The footer of the page reads "Developed by Directorate of Education".

Registration Form for admission in Patrachar Vidyalaya



CANDIDATE REGISTRATION

<p>Candidate Name*</p> <input type="text" value="Name of the candidate"/>	<p>Date of Birth*</p> <input type="text" value="Date of Birth (DD/MM/YYYY)"/>
<p>Father Name</p> <input type="text" value="Candidate's father name"/>	<p>Mother Name</p> <input type="text" value="Candidate's mother name"/>
<p><small>*Any one (Father or Mother) name is required.</small></p>	
<p>Aadhar Number*</p> <input type="text" value="Candidate's 12 digit aadhar card number"/>	<p>Gender</p> <p><input type="radio"/> Male <input type="radio"/> Female <input type="radio"/> Transgender</p>
<p><small>12 Digit Aadhar card number.</small></p>	
<p>Mobile No.*</p> <input type="text" value="10 digit mobile number"/>	<p>Email Id*</p> <input type="text" value="Candidate email id."/>
<p>Class*</p> <input type="text" value="-- Select --"/>	<p>Stream*</p> <input type="text" value="-- Select --"/>
<p>Are you a resident of Delhi?*</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>	
<p>Password*</p> <input type="password" value="*****"/>	<p>Confirm Password*</p> <input type="password" value="*****"/>
<p><small>Atleast 8 Characters and 40 Characters Max.</small></p>	
<div style="border: 1px solid black; padding: 5px; display: inline-block;">XP12JA</div>	<input type="text" value="Verification Text"/>
<p><small>Verification Text</small></p>	
<p><input type="button" value="Refresh"/> <input type="button" value="Register"/> <input type="button" value="Login"/></p>	

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 Aadar Enrollment Centre in all **29 zones**

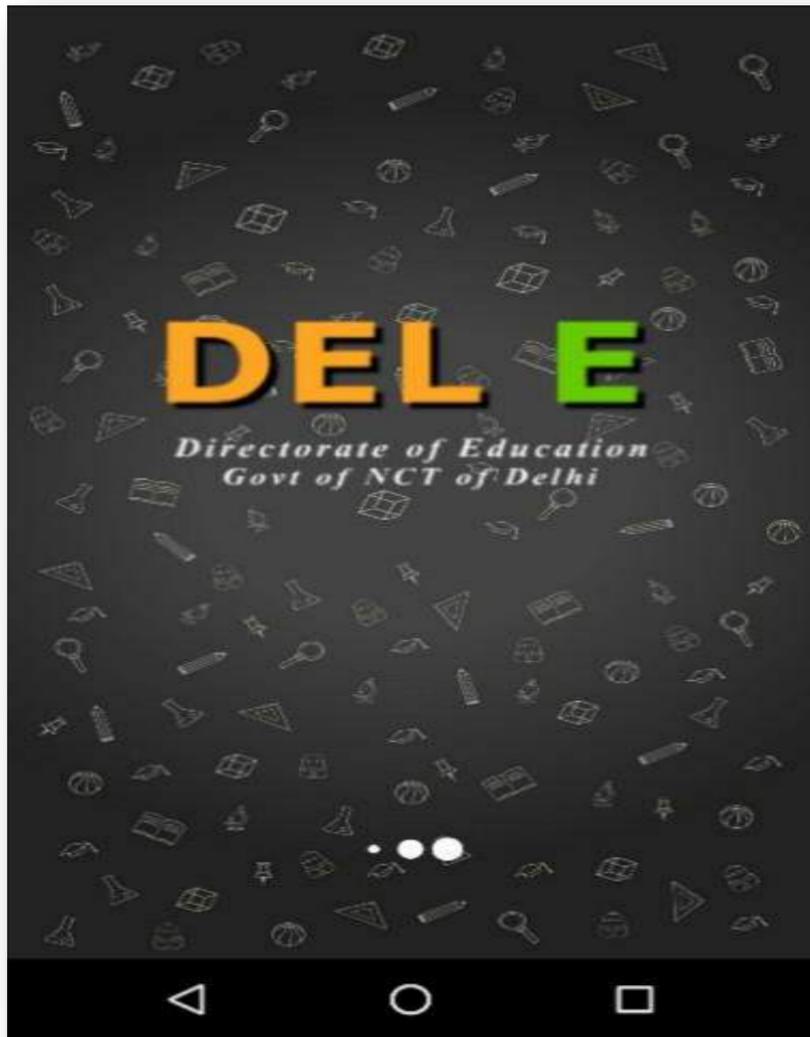
**DOE
Mobile
App**



- **Profile
(HOS/Principal,
Teachers &
Students)**
- **Student Attendance**
- **School Employee
Attendance(
Teaching, Non-
teaching,
contractual staff)**
- **Time Table**
- **Notifications**
- **Assignments**
- **Syllabus**



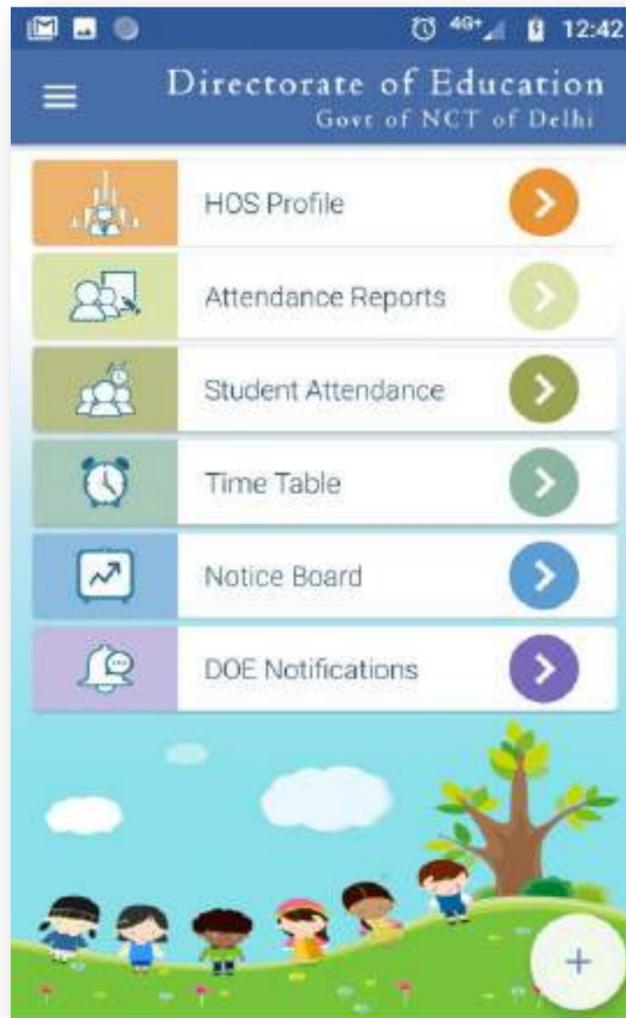
Welcome Screen of Application



Dashboard/Home Screen

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



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.



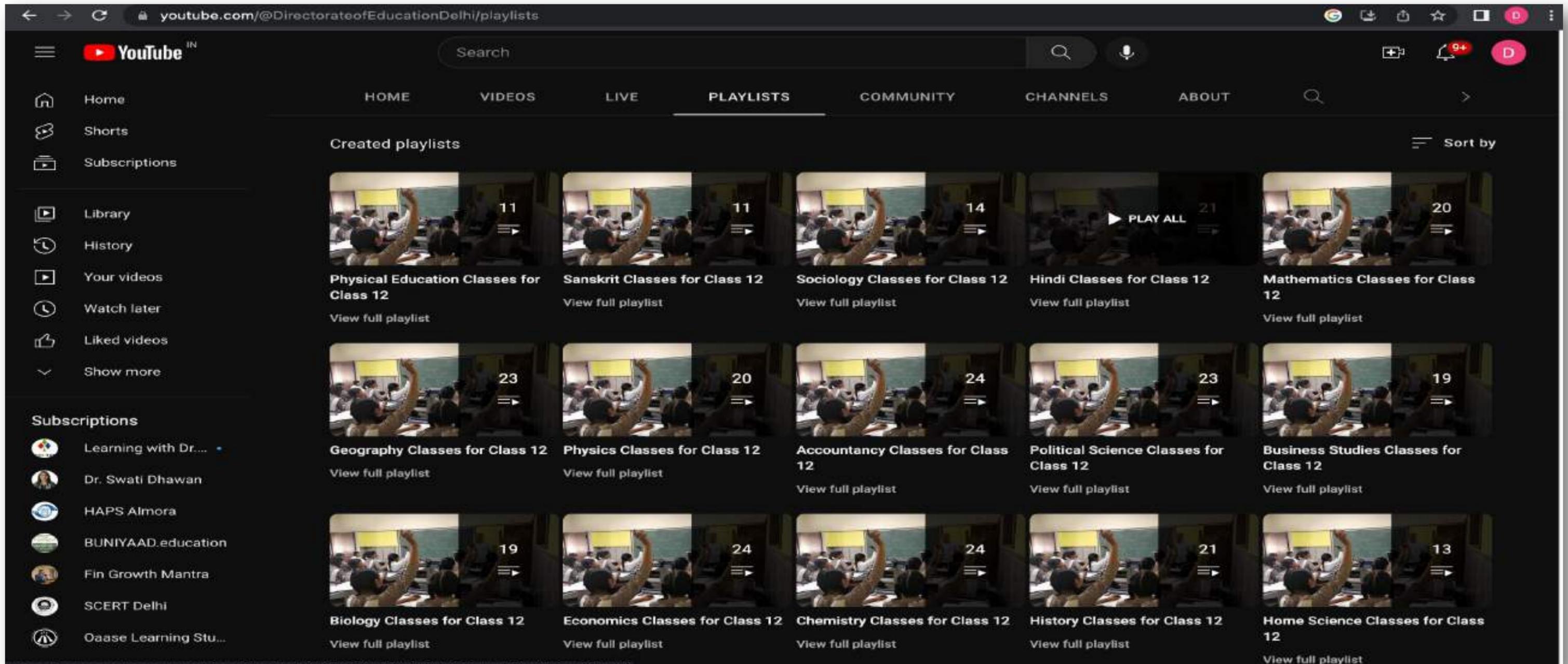

S.No.	ID	Name
1	20090013826	PRASHANT PALIWAL
2	20090058287	PRASHANT
3	20090096744	DEEPANSHU
4	20090213626	JATIN KUMAR
5	20090231591	YASH KUMAR
6	20090331950	ADITYA KISHORE
7	20110091424	SAMYAK JAIN
8	20120031212	VINAY

DoE-AVAILABLE RESOURCES

Academic



DOE ONLINE CLASSES on YouTube



The screenshot shows the YouTube channel page for the Directorate of Education Delhi, specifically the 'PLAYLISTS' tab. The page displays a grid of 15 video playlists for Class 12 subjects. Each playlist includes a thumbnail image of a classroom, the number of videos in the playlist, the subject name, and a 'View full playlist' link. A 'PLAY ALL' button is visible in the first row.

Subject	Number of Videos
Physical Education Classes for Class 12	11
Sanskrit Classes for Class 12	11
Sociology Classes for Class 12	14
Hindi Classes for Class 12	21
Mathematics Classes for Class 12	20
Geography Classes for Class 12	23
Physics Classes for Class 12	20
Accountancy Classes for Class 12	24
Political Science Classes for Class 12	23
Business Studies Classes for Class 12	19
Biology Classes for Class 12	19
Economics Classes for Class 12	24
Chemistry Classes for Class 12	24
History Classes for Class 12	21
Home Science Classes for Class 12	13

CONNECTED CLASSROOM SOLUTION

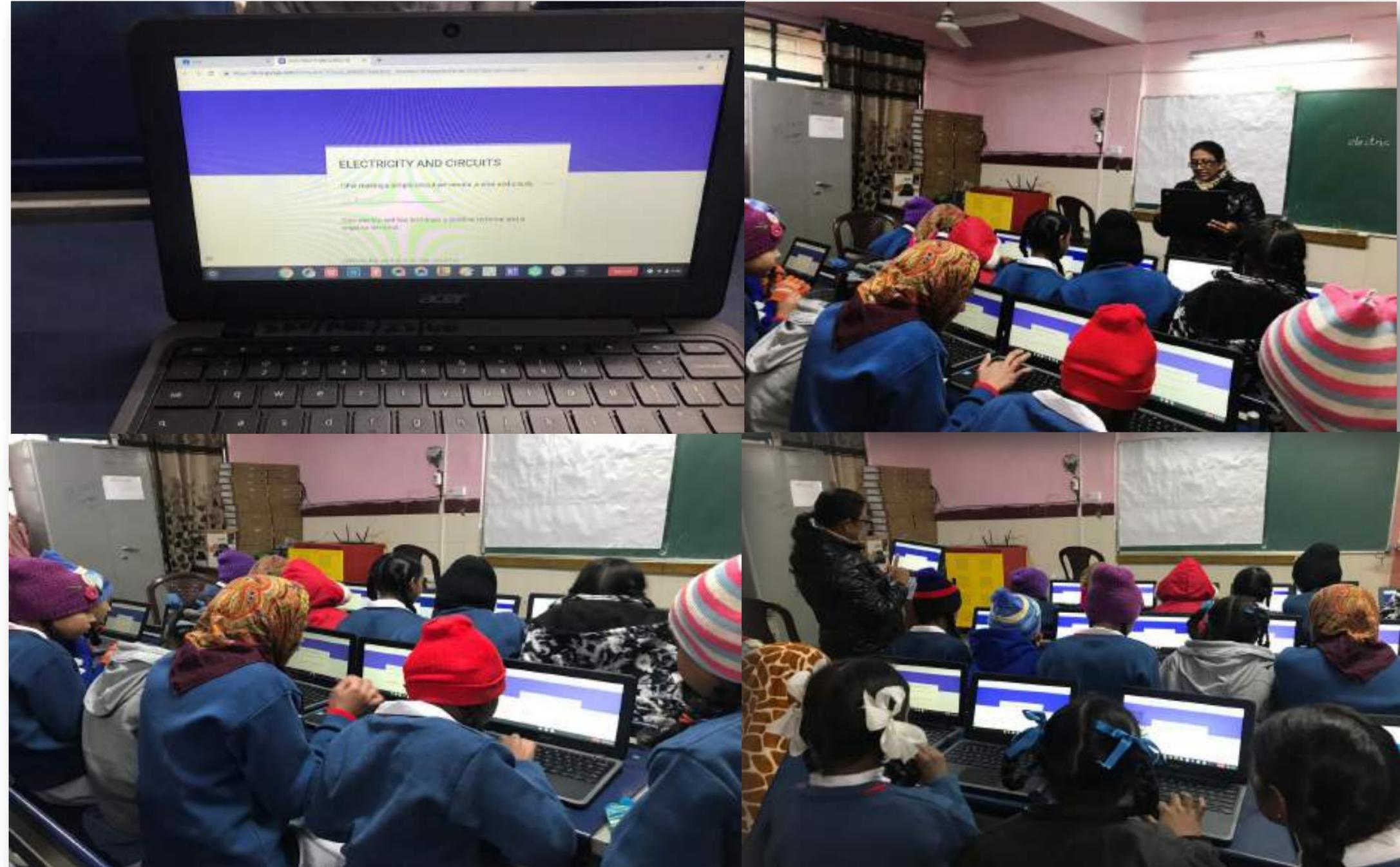


One connected classroom in each school with 35 chrome books (Total - 55 schools)

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



Regular Classes activities in Connected Classroom from various schools of Delhi



About Solution Architecture- LAB MODEL

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



Digital Classroom



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



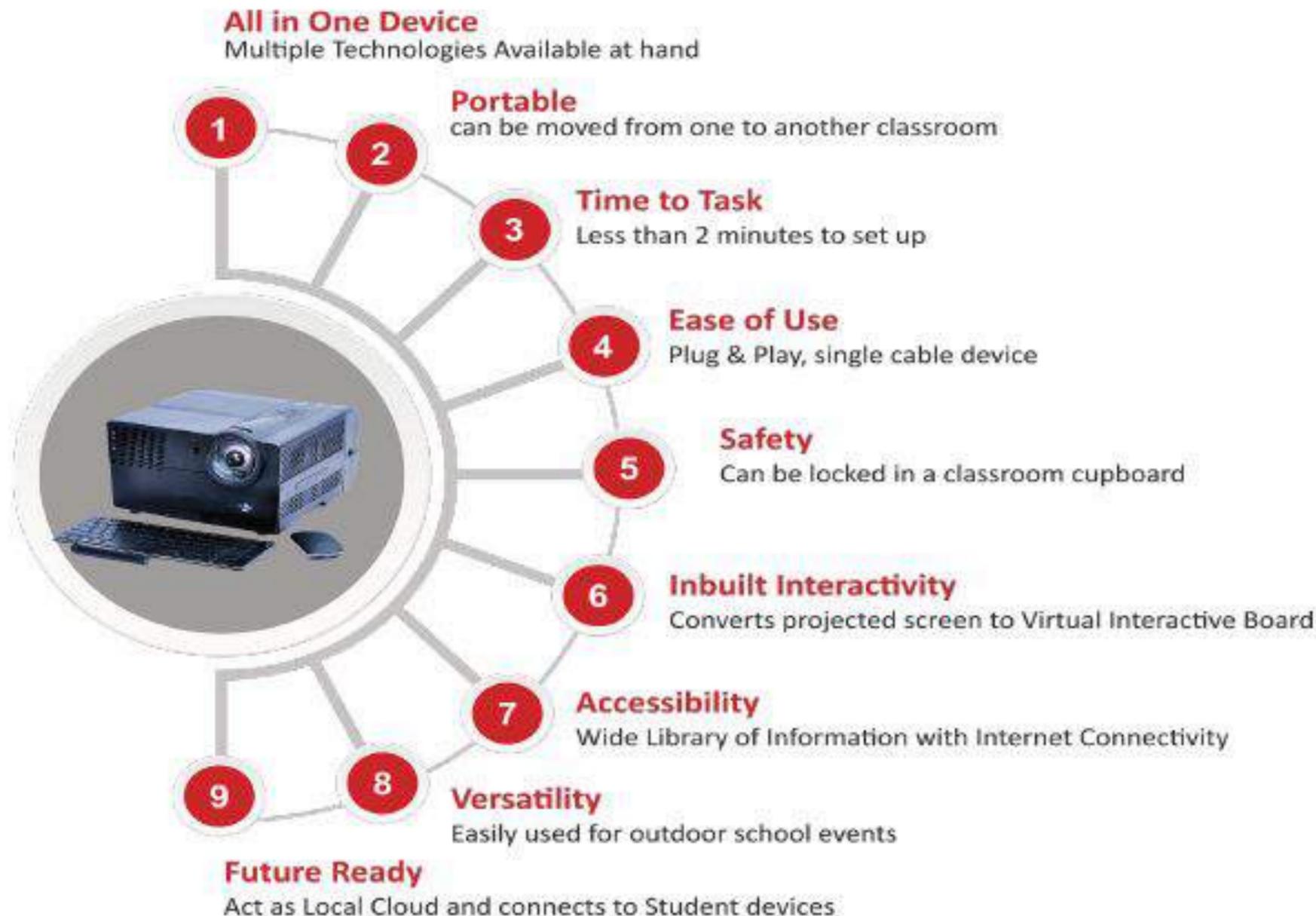
Digital Board Solution Components

K-YAN: ALL IN ONE TEACHING DEVICE

INTERACTIVE MULTIMEDIA CONTENT

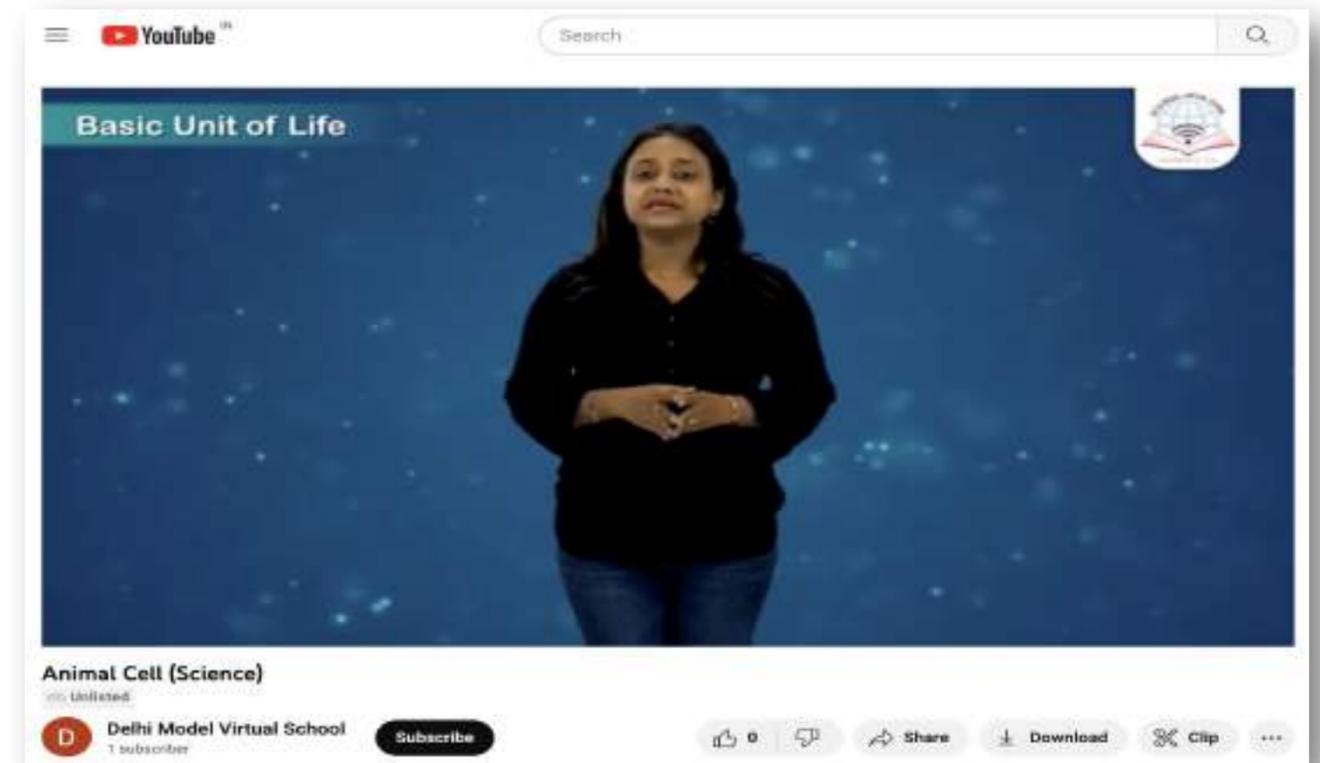
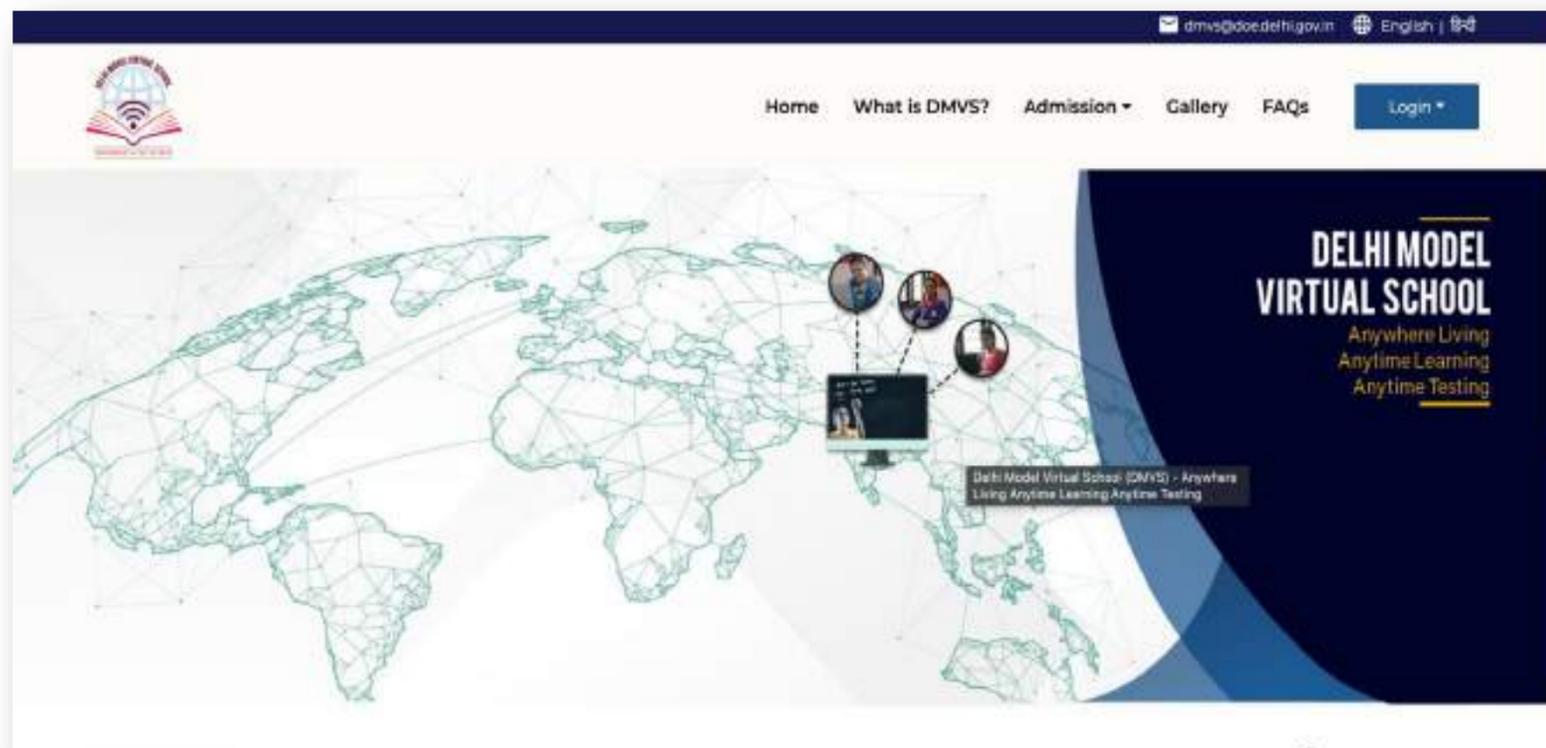
For the teachers, by the teachers

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



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.”



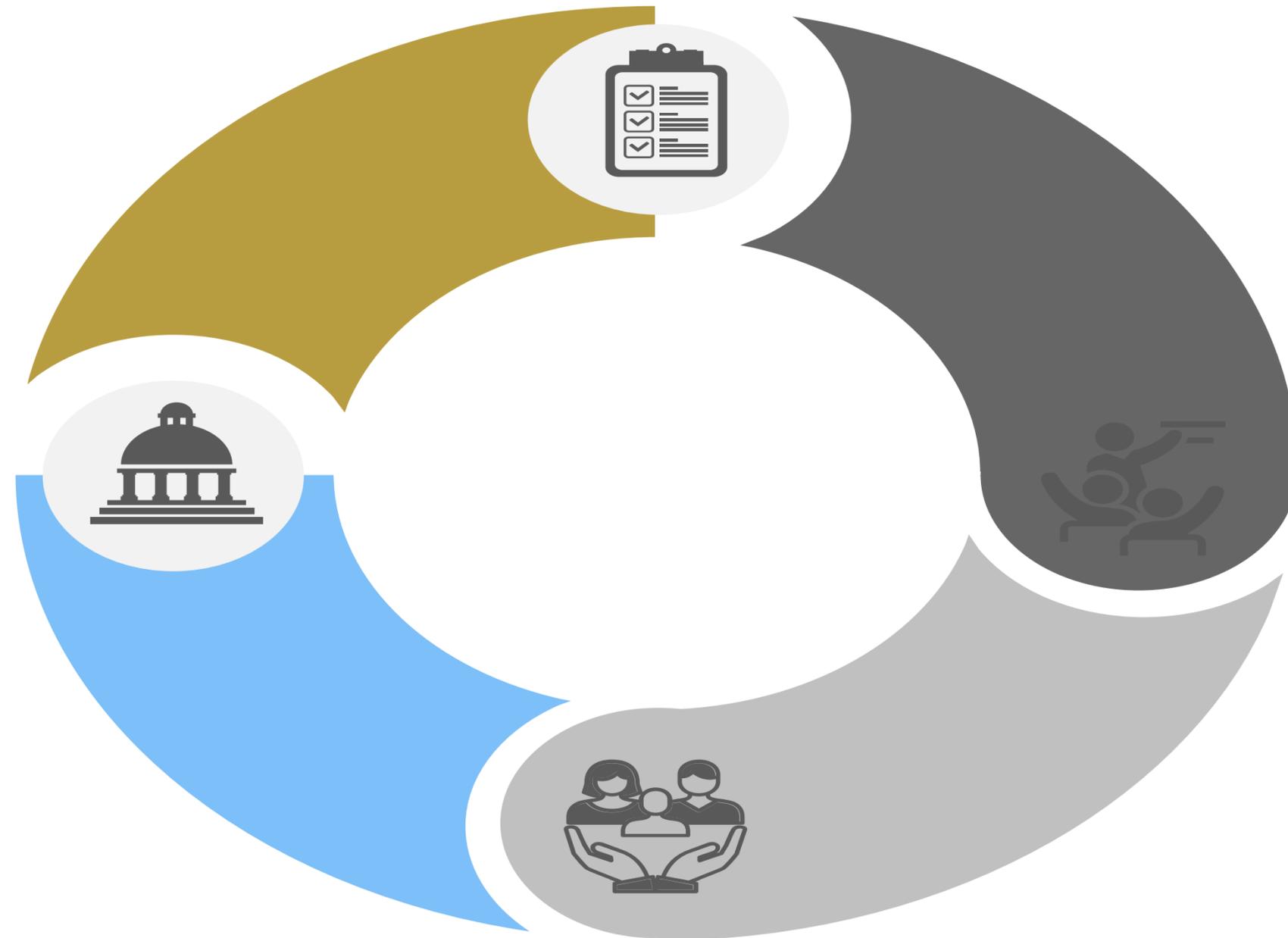
DMV School Design

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

Delhi Board of School Education



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

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



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

Student Devices

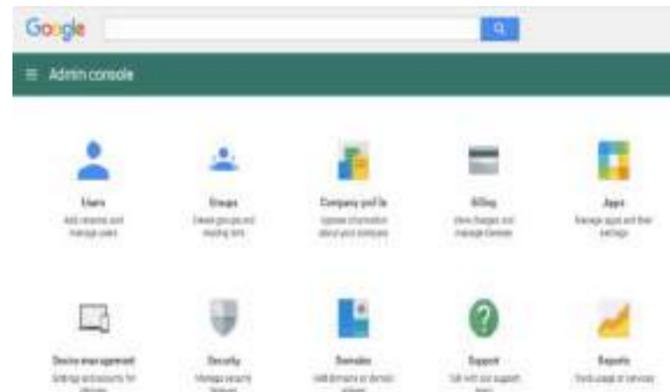


- Portable Cart for Charging and Storing Devices
- Wifi Router

Educational Apps



Device Management Console



Teacher Training Program to build capacity of teachers on the solution



Project Monitoring & Support



Envisaged Outcomes



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 learners 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

Thank you!

For more information visit

SCERT Website www.scert.delhi.gov.in

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