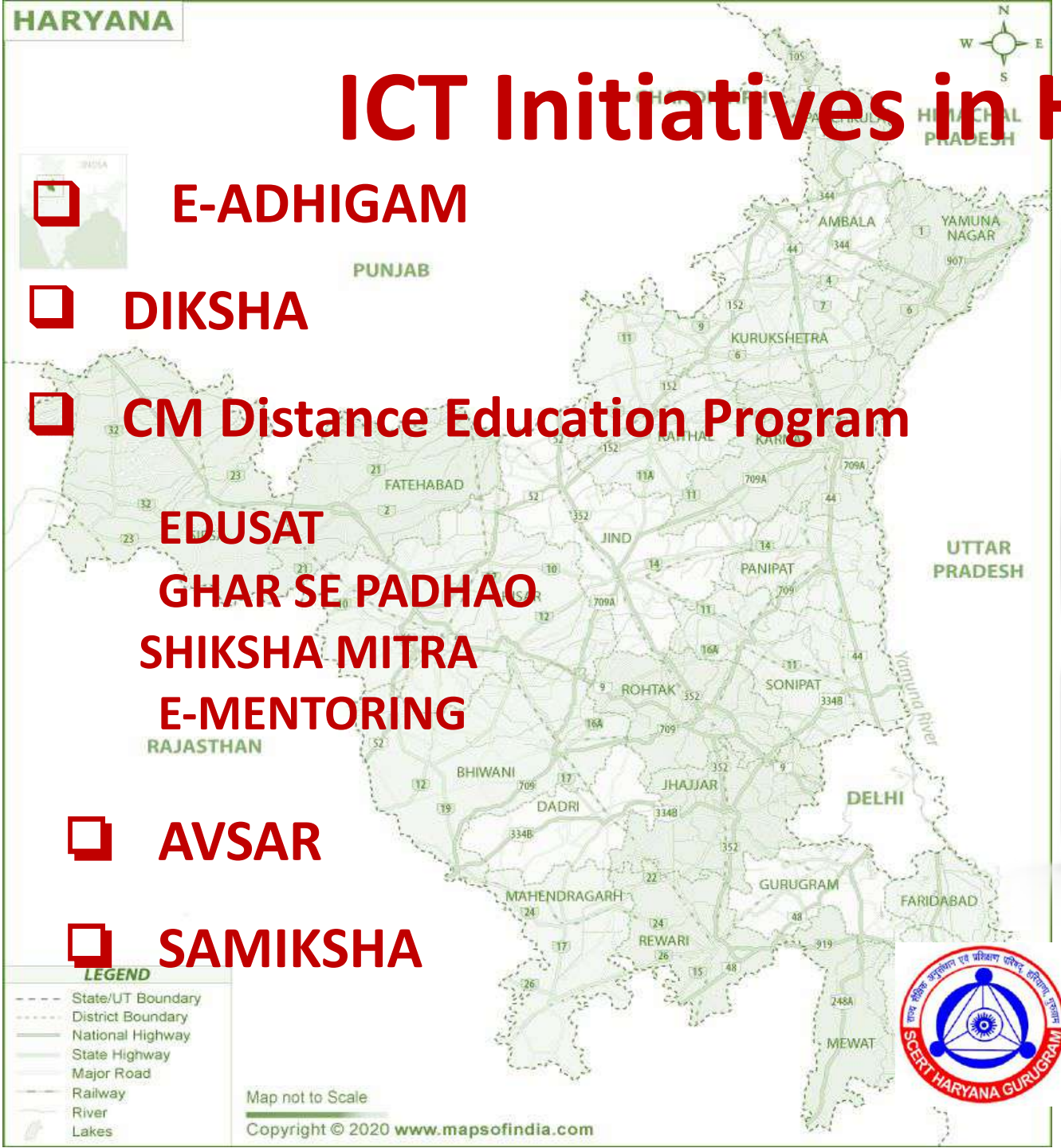
ICT Initiatives in Haryana

State Council of Educational Research and Training
SCERT Haryana Gurugram
16th May'2022

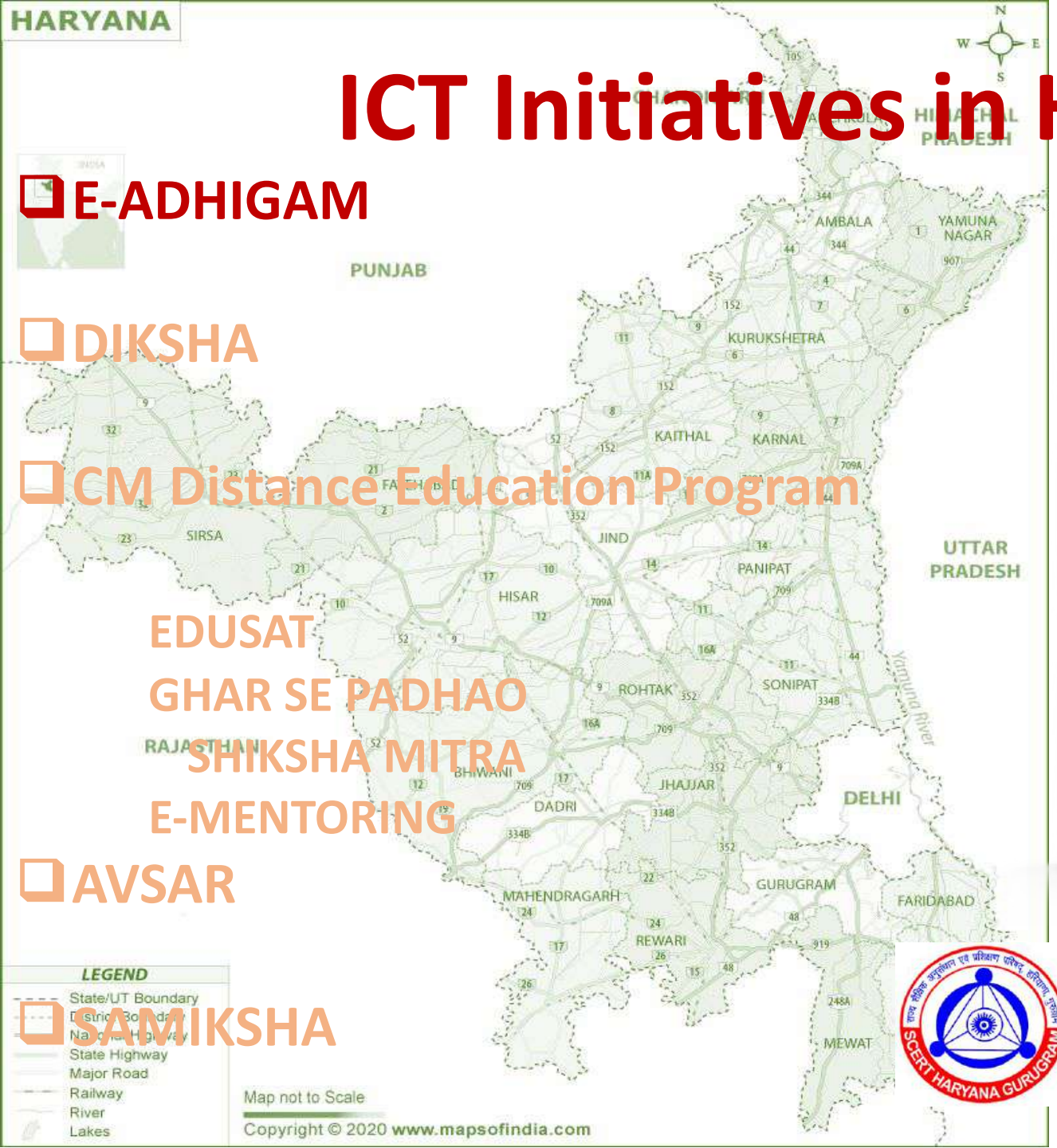
ICT Initiatives in Haryana

- E-ADHIGAM
- DIKSHA
- CM Distance Education Program
  - EDUSAT
  - GHAR SE PADHAO
  - SHIKSHA MITRA
  - E-MENTORING
- AVSAR
- SAMIKSHA

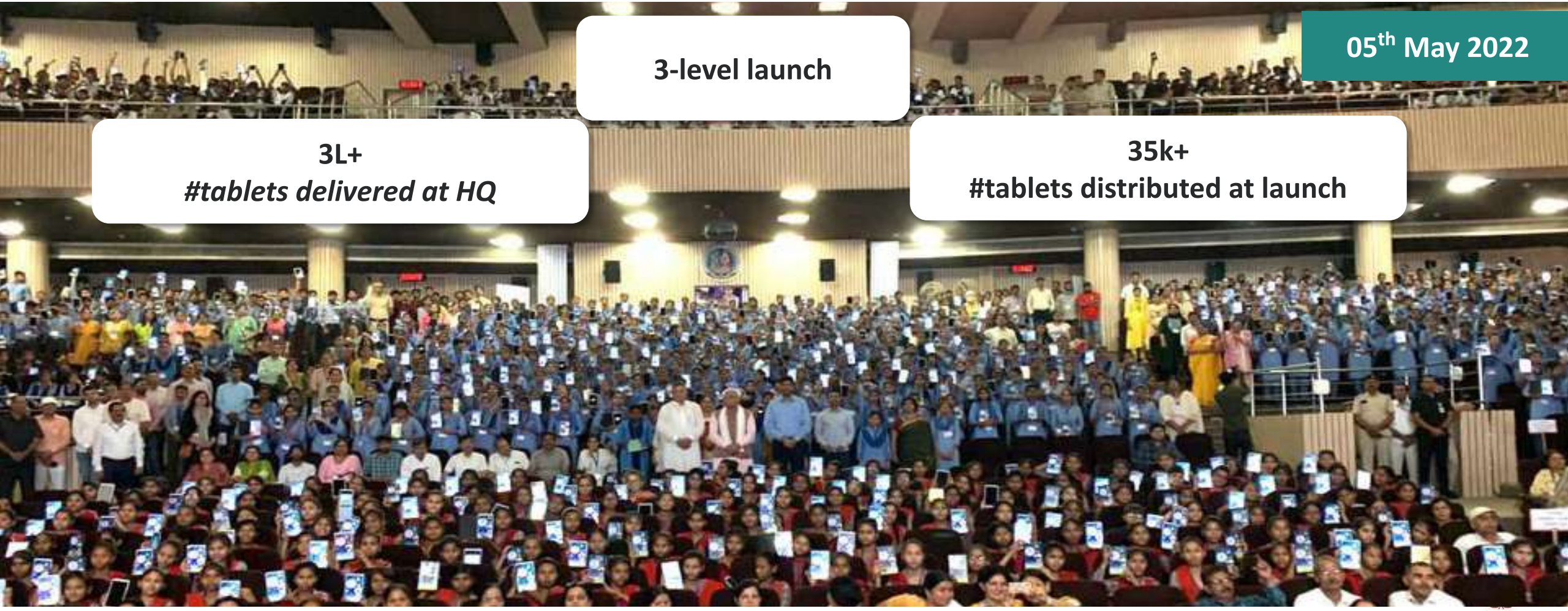


ICT Initiatives in Haryana

- E-ADHIGAM
- DIKSHA
- CM Distance Education Program
  - EDUSAT
  - GHAR SE PADHAO
  - SHIKSHA MITRA
  - E-MENTORING
- AVSAR
- SAMIKSHA



On 5th May Hon'ble CM and EM launched e-Adhigam – Haryana Government's personalized and adaptive learning (PAL) enabled tablet-based learning program



05th May 2022

3-level launch

3L+
#tablets delivered at HQ

35k+
#tablets distributed at launch

Haryana is the 1st state to implement an all-comprehensive tablet-based program

Tablet Hardware

Tablets for students of classes 10th to 12th

PAL Software

Personalized & Adaptive Learning Software

Data SIM

Internet enabled tablets

अधिगम
एडवांस डिजिटल हरियाणा इनिशिएटिव ऑफ गवर्नमेंट विद अडाप्टिव मॉडयूलस
e-अधिगम टैबलेट के संग हुई शिक्षा की राह सुगम

Launch by Hon'ble CM on May 5th

Quality of PAL software is key to the learning experience of students

Personalized Remedial

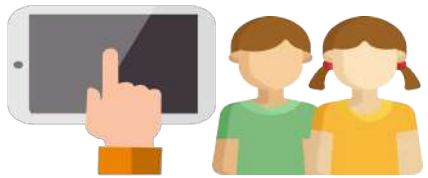
Diagnostic | *Personalized* | *Content*

Adaptive Practice

Videos | *Activities* | *Adaptive*

Digital Assessments

Test | *Questions* | *Timer*



- Allows students to focus on content tailored to their needs
- Adapts practice & tests to each student's pace
- Supplements varied quality of teaching
- Provides real time student & competency wise insights

PAL will be embedded via classroom teaching in school followed by at-home remedial activities

Tablet based learning has two broad components

In Classroom Tablet Usage

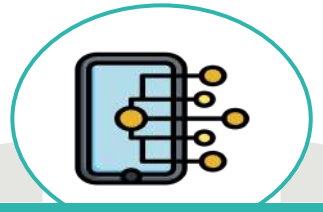
At Home Tablet Usage

Attempt diagnostic test

- *Access e-book*
- *Watch select video content*
- *Attempt select practice tests*

- *Watch all video content*
- *Attempt all remedial tests*
- *Complete homework & assignments*

Software provider will also provide additional support for successful implementation



Integrated Software

- ✔ Personalised remedial & adaptive assessments
- ✔ Data backed notifications

Data Visualisation

- ✔ Insights on student engagement
- ✔ Multi level dashboards

FMS & Trainings

- ✔ Regular trainings for FMS capacity building
- ✔ Provide training material & tutorial videos

Grievance Redressal

- ✔ Dedicated team for grievance management
- ✔ Online ticketing system & reports for resolution

Quality of PAL software will affect the learning experience for students & teachers

Student Usage

1. Student views video on completed chapters
2. Student takes a diagnostic test on the chapter
3. PAL software evaluates learning levels and assigns remedial
4. Student watches personalized remedial content
5. Student starts chapter-wise practice
6. PAL software adapts & responds based on student's responses
7. Student practices based on individual pace of learning

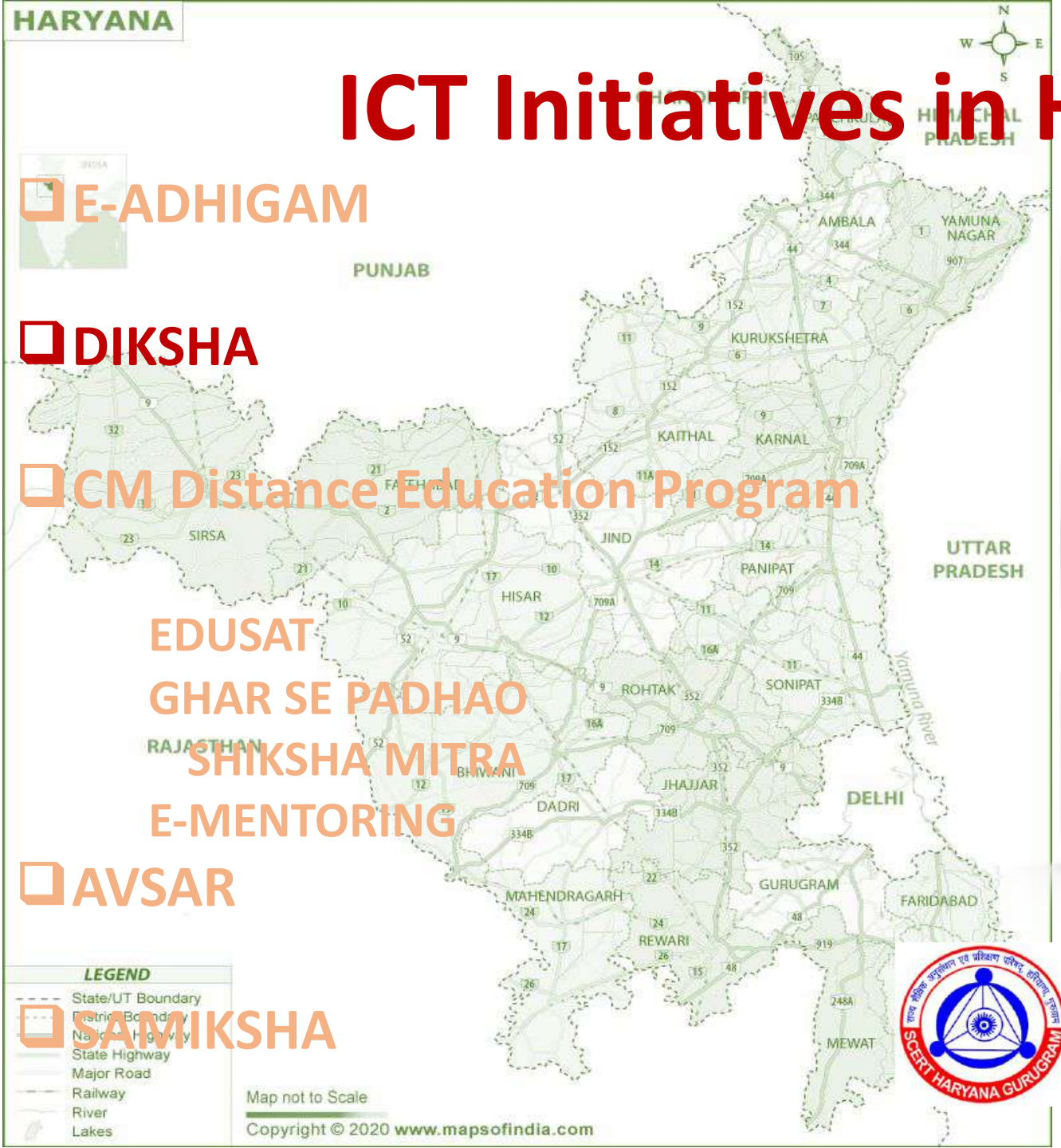
Teacher Usage

8. Student takes centralized assessments
9. PAL software conducts real-time engagement and performance data analysis
10. Teacher receive data-backed insights, nudges and take corrective action

PAL Software Actions

ICT Initiatives in Haryana

- E-ADHIGAM
- DIKSHA
- CM Distance Education Program
- EDUSAT
- GHAR SE PADHAO
- SHIKSHA MITRA
- E-MENTORING
- AVSAR
- SAMIKSHA



DIKSHA (Digital Infrastructure for Knowledge Sharing)
MHRD द्वारा डिजाइन किया गया एक राष्ट्रीय डिजिटल इन्फ्रास्ट्रक्चर है

हरियाणा में, दीक्षा पर कक्षा 1 से 12 की पाठ्य पुस्तकें और

Remedial program (UDAAN) की कक्षा 4 से 8 की कार्यपुस्तिका

Good Quality Audio and Video Content Repository

Online Teacher's Capacity Building program

DIKSHA Haryana has more than 40,000+ learning content available for teachers and students

13000+
Explanatory videos

12000+
Practice Resources

~240
Books (Hindi & English Medium)

5 different content types available for a book

Learning Outcomes
Outlines the learning of a chapter

E-chapter
Digitally available PDF of the chapter

Explanation resources
Explanatory videos explaining the concepts of a chapter

Practice Resources
Question or set of questions for practice

Teacher Resources
Videos and documents for teachers to make teaching plan

Process of DIKSHA Quality e- content during 2020-22

Content creation and curation

Content created by state and sourced from partners for class 1 to 12, Hindi/English medium

Content Review

A review process is set and all created and curated content is being reviewed

Content uploading/linking

All the approved content is being linked to textbooks & live on DIKSHA

Objective - To ensure the availability of quality digital content in all the books

A summary of the work

Our state repository of content is richer by 5000 good quality content.

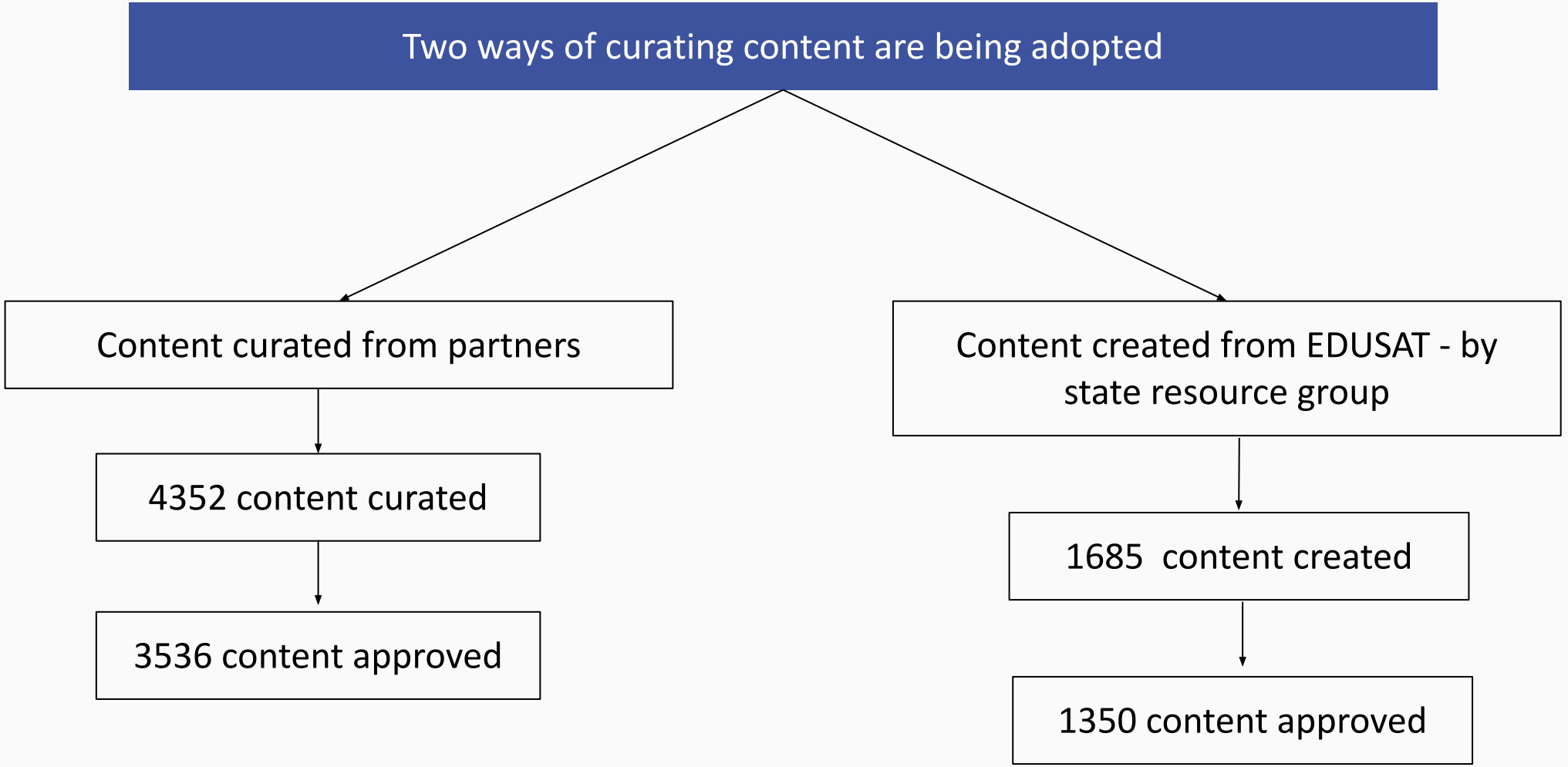
10+ content partners identified for our state to curate content on an ongoing basis

A **real time dashboard** created for our state to track content curation, review process

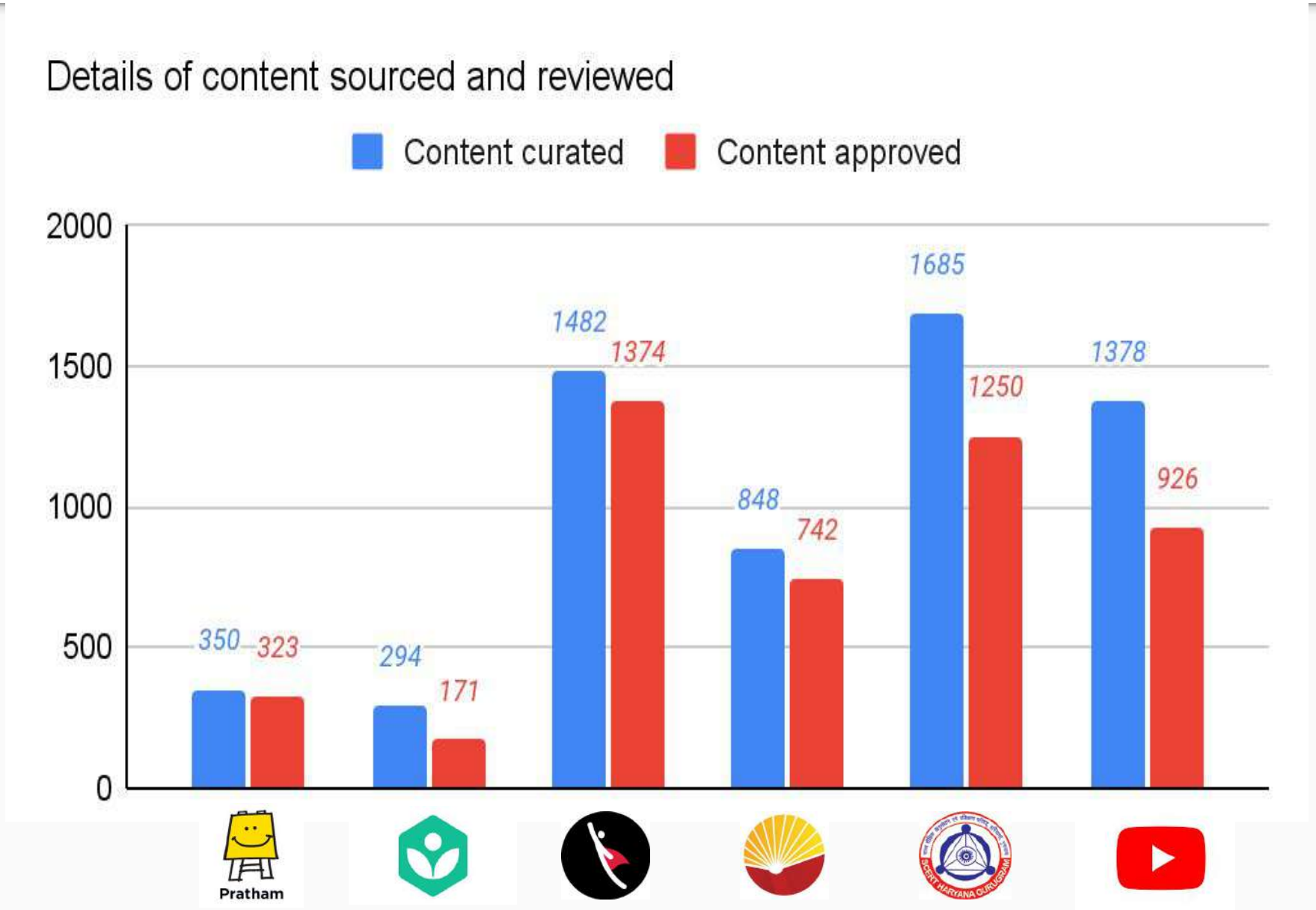
A team of **80 content reviewers and 8 technical team members** trained for reviewing and uploading/linking the curated content

Content Creation/Curation work

Content Created/Curated

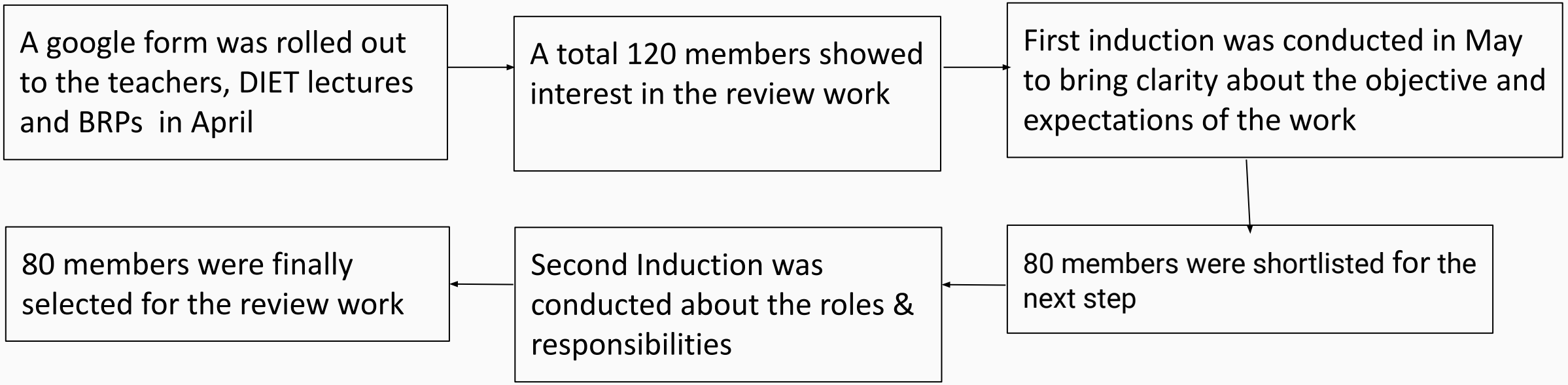


Content sourced and reviewed from different content partners

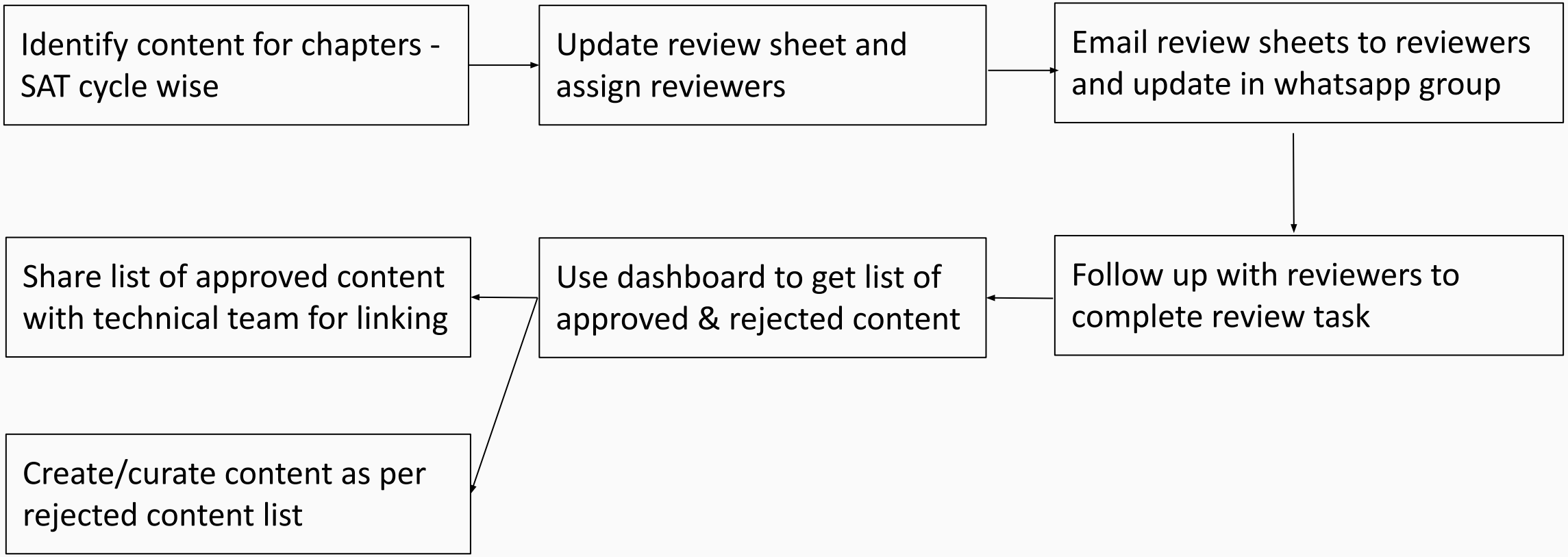


Content Review work

Process of the formation of content review team



Process set for content review work



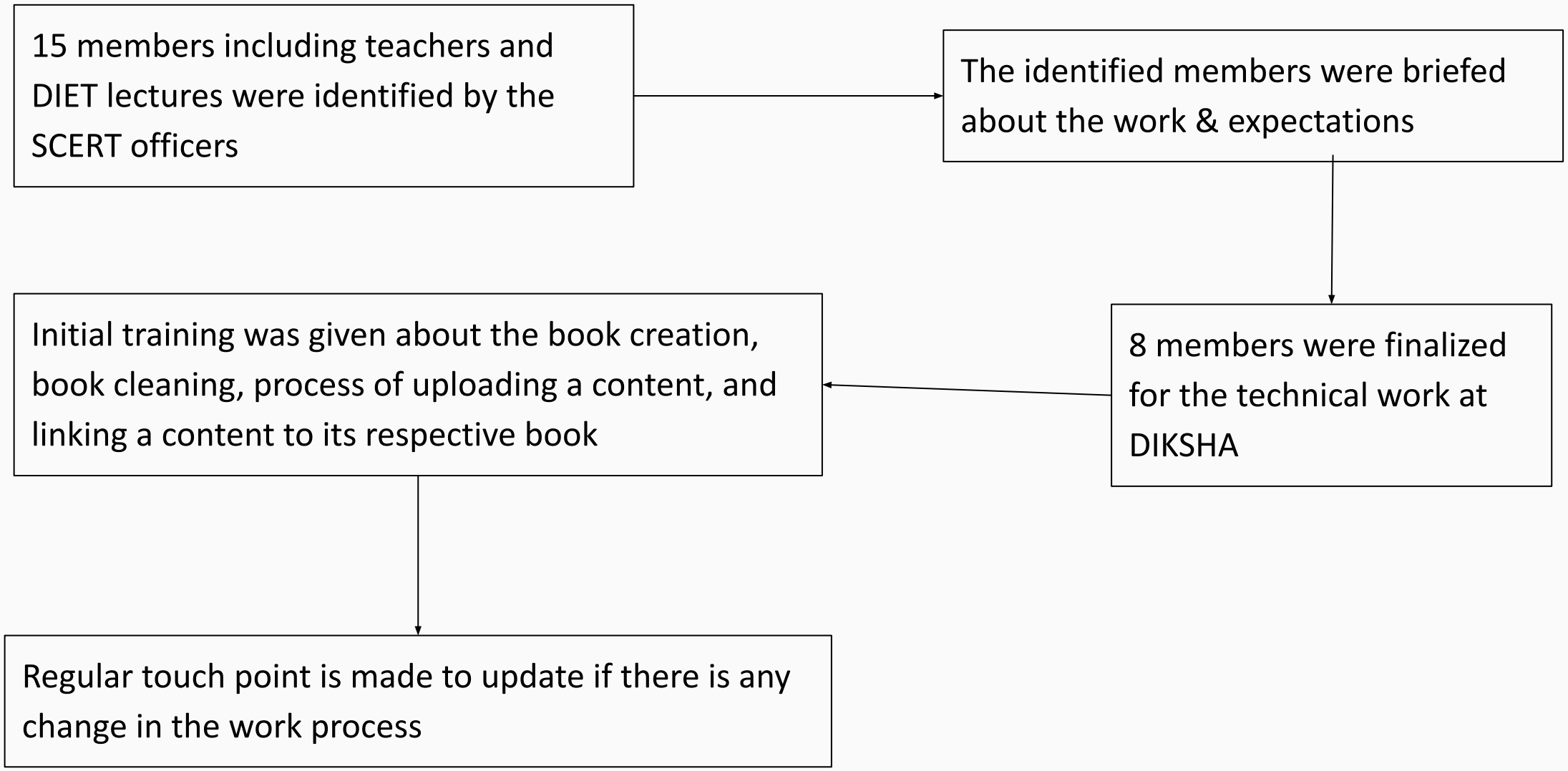
Key outputs of review work done

Content aggregated	Content reviewed	Content approved	Content rejected
6037	**5808**	**4786**	**1022**
Percentage calculation	**96%**	**82%**	**17%**

Sr. No	SAT Cycle	SAT cycle coverage through the review work in class 1st to 10th	SAT cycle coverage through the review work in 11th & 12th
1	SAT Cycle 1	99 %	38 %
2	SAT Cycle 2	96 %	56 %
3	SAT Cycle 3	93 %	58 %
4	SAT Cycle 4	94 %	66 %
5	SAT Cycle 5	95 %	NA

Uploading & Linking work at DIKSHA

Process of the formation of the technical team

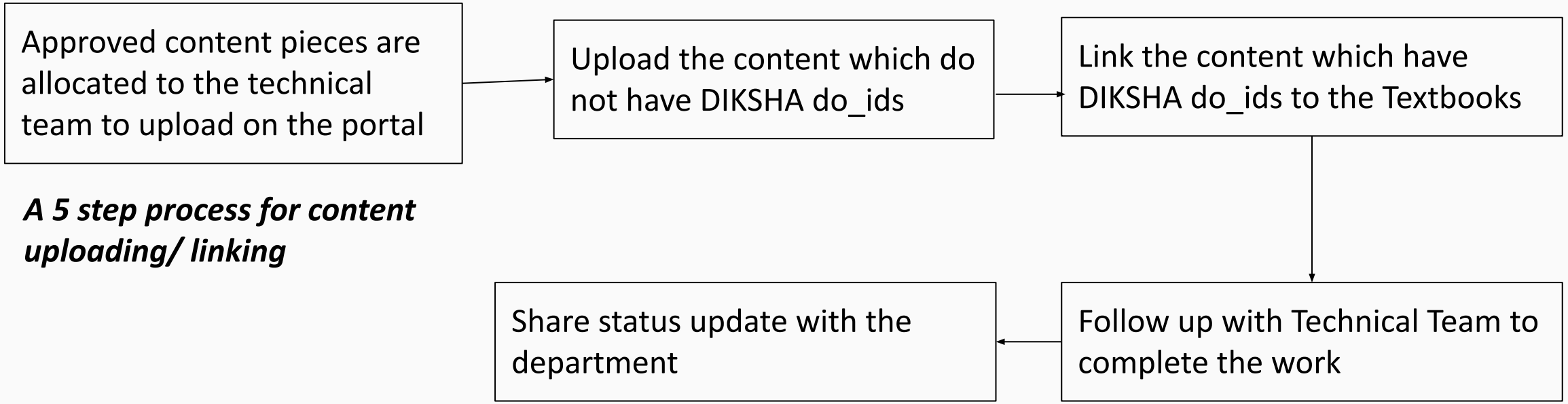


Scope of work of Technical team

The work of technical team currently lies in 2 broad areas

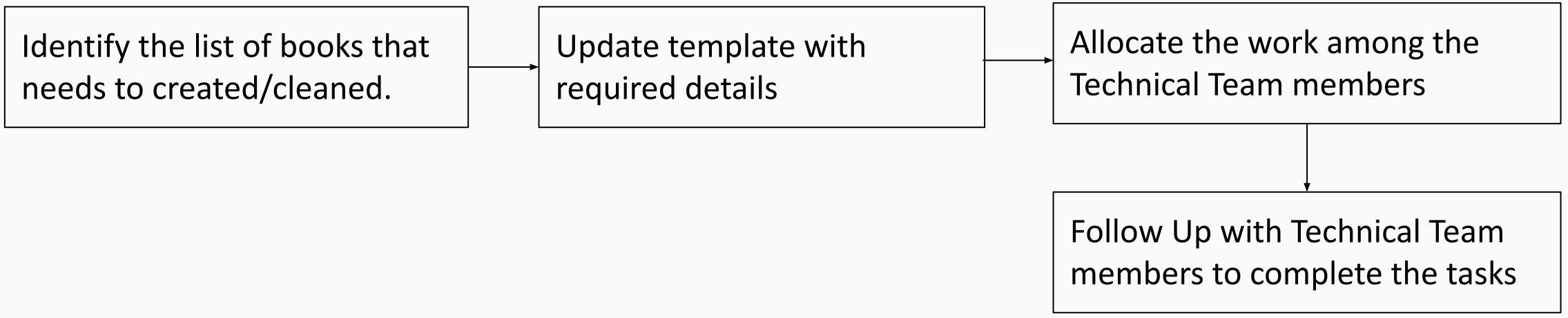
- Uploading and linking content to relevant textbooks for class 1 to 12
- Cleaning and creation of textbooks for Grade 1 to 12 on DIKSHA portal

Processes set for uploading/linking content and creation/cleaning of textbooks



A 5 step process for content uploading/ linking

A 5 step process for textbook creation/ cleaning



Key outputs of content uploading and linking work

Total content approved	Total content uploaded	Total content linked and live
4786	4786	4786
	100%	**100%**

Key outputs of textbook creation and textbook cleaning work

183

Total number of textbooks created for Grade 1 to 12

113

Total number of English medium textbooks replicated

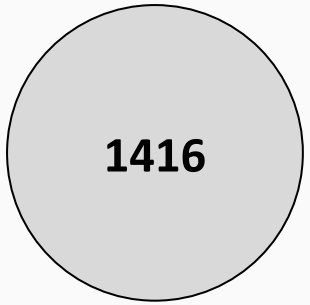
138

Total number of textbooks cleaned

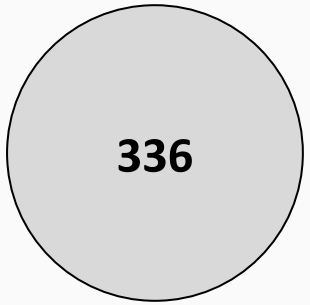
13+5

State specific books energised and Workbooks of Remedial program-Udaan

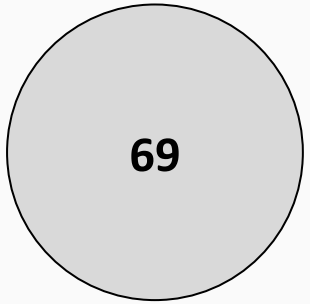
Key outputs of Vidyadaan work



Number of videos sourced through Vidyadaan



Number of worksheets sourced through Vidyadaan



Currently active projects for sourcing content and worksheets

Worksheet creation work

Worksheet creation and review work

A team of 40 worksheet creators including teachers, Block resource person, and additional block resource coordinator has been formed to create worksheets for class 4th to 8th

A team of 10 worksheet reviewers including teachers, Block resource person, and additional block resource coordinator has been formed to review the worksheets created by the creators

A real time dashboard created for our state to track worksheet creation, and review process

NISHTHA 2021-22

NISHTHA courses summary

12 NISHHA courses (3 batches) in English and Hindi medium

Up to 100% completion rate & up to 67% participants received the certificate for all the courses

A **poster** was created for all the batches and shared with the participants for easy access of the courses

Sample of the posters shared

NISHTHA NOW ON DIKSHA

ONE NATION ONE DIGITAL PLATFORM

Launch of NISHTHA Secondary online course on Diksha for Government/Aided school teachers and heads of Haryana

Module (Hindi)	URL Link	QR code
1. HR_Sec_1H पाठ्यचर्या और समावेशी कक्षा	https://diksha.gov.in/explore-course/course/do_31333366026434908616274	V7F111
2. HR_Sec_2H पठन, पाठन और मूल्यांकन में सूचना प्रौद्योगिकी तकनीक की भूमिका	https://diksha.gov.in/explore-course/course/do_31333433393510809618384	A8K1H6
3. HR_Sec_3H_विद्यार्थियों के समग्र विकास के लिए व्यक्तिगत-सामाजिक गुणों का विकास	https://diksha.gov.in/explore-course/course/do_31333438320474521619188	F2V2P5

Module (English)	URL Link	QR code
1. HR_Sec_1E_Curriculum and Inclusive Classrooms	https://diksha.gov.in/explore-course/course/do_31333434253965420818621	Q4P3D1
2. HR_Sec_2E_ICT in Teaching-Learning and Assessment	https://diksha.gov.in/explore-course/course/do_31333437833755683219058	P9W9C1
3. HR_Sec_3E_Personal-Social Qualities for Holistic Development	https://diksha.gov.in/explore-course/course/do_31333438040720998419156	W319T9

NISHTHA NOW ON DIKSHA

ONE NATION ONE DIGITAL PLATFORM

Rerunning of NISHTHA Secondary online course on Diksha for Government/Aided school teachers and heads of Haryana - Batch 2 course 7 to course 12

Module (Hindi)	URL Link	QR code
7. HR_Sec_7H_विद्यालयी प्रक्रियाओं में जेंडर समावेशन (Batch 2)	https://diksha.gov.in/explore-course/course/do_31343251120568729614468	
8. HR_Sec_8H_विद्यालय नेतृत्व : अवधारणा एवं अनुप्रयोग (Batch 2)	https://diksha.gov.in/explore-course/course/do_31343292348903480151040	
9. HR_Sec_9H_व्यावसायिक शिक्षा (Batch 2)	https://diksha.gov.in/explore-course/course/do_31343295858421084321286	
10. HR_Sec_10H_विद्यालय आधारित आकलन (Batch 2)	https://diksha.gov.in/explore-course/course/do_31343295976741589481541	
11. HR_Sec_11H_विद्यालयी शिक्षा में नई पहलें (Batch 2)	https://diksha.gov.in/explore-course/course/do_31343296022623488001319	
12. HR_Sec_12H_खिलौना आधारित शिक्षाशास्त्र (Batch 2)	https://diksha.gov.in/explore-course/course/do_31343296045846207381269	

Module (English)	URL Link	QR code
7. HR_Sec_7E_Integrating Gender in Schooling Processes (Batch 2)	https://diksha.gov.in/explore-course/course/do_31343256425422848001121	
8. HR_Sec_8E_School Leadership: Concepts and Applications (Batch 2)	https://diksha.gov.in/explore-course/course/do_31343258158156864321152	
9. HR_Sec_9E_Vocational Education (Batch 2)	https://diksha.gov.in/explore-course/course/do_31343258275007598481172	
10. HR_Sec_10E_School Based Assessment (Batch 2)	https://diksha.gov.in/explore-course/course/do_31343258397594881721148	
11. HR_Sec_11E_Initiatives in School Education (Batch 2)	https://diksha.gov.in/explore-course/course/do_31343258857331968011172	
12. HR_Sec_12E_Toy Based Pedagogy (Batch 2)	https://diksha.gov.in/explore-course/course/do_31343258758014464001198	

Course duration 17th December 2021 to 31st January 2022

NISHTHA NOW ON DIKSHA

ONE NATION ONE DIGITAL PLATFORM

Rerunning of NISHTHA Secondary online course on Diksha for Government/Aided school teachers and heads of Haryana - Batch 3 course 1 to course 12 - Hindi Medium

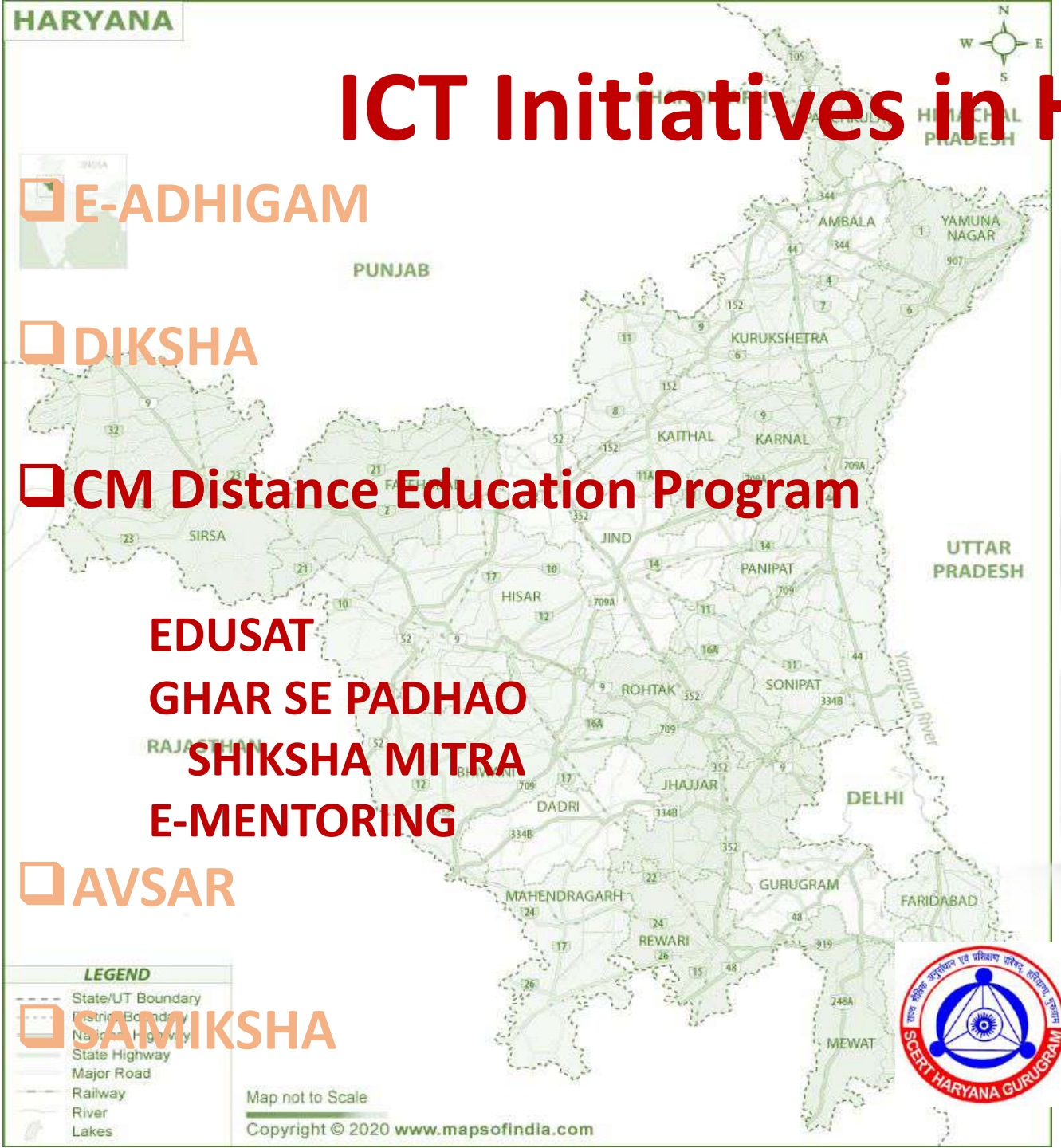
Course (Hindi)	URL Link	QR code
1. HR_Sec_1H पाठ्यचर्या और समावेशी कक्षा (Batch 3)	https://diksha.gov.in/explore-course/course/do_31348922268289800113443	
2. HR_Sec_2H पठन, पाठन और मूल्यांकन में सूचना प्रौद्योगिकी तकनीक की भूमिका (Batch 3)	https://diksha.gov.in/explore-course/course/do_31348922282010777613383	
3. HR_Sec_3H_विद्यार्थियों के समग्र विकास के लिए व्यक्तिगत-सामाजिक गुणों का विकास (Batch 3)	https://diksha.gov.in/explore-course/course/do_31348922451031884413391	
4. HR_Sec_4H_समग्र समावेशित शिक्षा (Batch 3)	https://diksha.gov.in/explore-course/course/do_31348922569513205213428	
5. HR_Sec_5H_सामाजिक रूप से विद्यार्थियों को समझना (Batch 3)	https://diksha.gov.in/explore-course/course/do_31348922638603804813448	
6. HR_Sec_6H_मापन और मूल्यांकन (Batch 3)	https://diksha.gov.in/explore-course/course/do_31348922727451008213428	
7. HR_Sec_7H_विद्यालयी प्रक्रियाओं में जेंडर समावेशन (Batch 3)	https://diksha.gov.in/explore-course/course/do_31348922824198809613462	
8. HR_Sec_8H_विद्यालय नेतृत्व : अवधारणा एवं अनुप्रयोग (Batch 3)	https://diksha.gov.in/explore-course/course/do_31348922913468840013470	
9. HR_Sec_9H_व्यावसायिक शिक्षा (Batch 3)	https://diksha.gov.in/explore-course/course/do_31348923098747305613488	
10. HR_Sec_10H_विद्यालय आधारित आकलन (Batch 3)	https://diksha.gov.in/explore-course/course/do_31348923309594554241512	
11. HR_Sec_11H_विद्यालयी शिक्षा में नई पहलें (Batch 3)	https://diksha.gov.in/explore-course/course/do_31348923346153407613493	
12. HR_Sec_12H_खिलौना आधारित शिक्षाशास्त्र (Batch 3)	https://diksha.gov.in/explore-course/course/do_31348923421838807613536	

Course duration - 10th March 2022 to 31st March 2022

Last date of enrolment - 25th March 2022

ICT Initiatives in Haryana

- E-ADHIGAM
- DIKSHA
- CM Distance Education Program
  - EDUSAT
  - GHAR SE PADHAO
  - SHIKSHA MITRA
  - E-MENTORING
- AVSAR
- SAMIKSHA



During lockdown, EDUSAT is being streamed through dedicated TV channels to show content directly to student homes across Haryana.

लॉक डाउन के दौरान एडुसेट का प्रसारण विशेष टी वी चैनल्स के माध्यम से करके सीधा विद्यार्थियों के घर तक विषय वस्तु को भेजा गया

विषय-वस्तु का निर्माण SCERT गुरुग्राम में किया गया

प्रत्येक सप्ताह 50 से अधिक वीडियोस का 4 चैंनेल्स के माध्यम से प्रसारण

EDUSAT के सभी वीडियोस दीक्षा पर उपलब्ध हैं

EDUSAT links are shared through WhatsApp each day
(व्हाट्स एप के माध्यम से प्रतिदिन एडुसेट के लिंक्स शेयर किये जाते हैं)

प्रतिदिन ,प्रत्येक कक्षा के लिंक्स साझा किये जाते हैं

सहज प्रयोग के लिए ये सभी लिंक्स DIKSHA पर उपलब्धता

एडुसेट प्रसारण हेतु वीडियोस बनाने के लिए अध्यापकों को प्रेरित और तैयार किया जाता है

Content creation(विषय वस्तु का निर्माण)

Submit sample video to SCERT
(सैंपल वीडियोस को scert भेजना)

Selected teachers receive orientation on how to make videos
(चुने हुए अध्यापकों का विडियो बनाने पर प्रशिक्षण)

Submit videos one week prior to telecast on EDUSAT
(telecast से एक सप्ताह पहले वीडियोस को SCERT भेजना)

Videos are then evaluated by subject experts and telecasted(विषय विशेषज्ञ द्वारा वीडियोस का निरिक्षण और टेलीकास्ट)

All teachers play an integral role in driving uptake of EDUSAT
(एडुसेट के बेहतर प्रयोग में विद्यालय मुखिया व शिक्षकों की बड़ी भूमिका है)

Content dissemination

- Inform students about EDUSAT schedule
  (एडुसेट schedule के बारे में विद्यार्थियों को अवगत कराना)
- Motivate students to watch the telecast regularly (छात्रों को नियमित रूप से प्रसारण की विषय वस्तु को देखने के लिए प्रेरित करना)
- Follow up with students and clear any doubts(शंका समाधान के लिए छात्रों से पूछताछ जारी रखना)
- Take feedback from parents(अभिभावकों से प्रतिपुष्टि लेना)

E-learning content is shared with teachers every morning through WhatsApp

"🏠 **घर से पढ़ाओ | 22 सितम्बर | कक्षाएँ 3-5**

⏰ **आज EVS पढ़ने का दिन है**

कक्षा 3 -जीव-जंतुओं का अनोखा संसार ✏️📚
- पाठ्यपुस्तक से पेज नंबर **76-80** पढ़े
- पाठ्यपुस्तक से अभ्यास : पृष्ठ सं **76-80**
- गतिविधि लिंक 1 : https://bit.ly/2G02flq
- गतिविधि लिंक 2 : https://youtu.be/4jr2iwM4jI4
- Worksheet लिंक : https://bit.ly/2RrkNOg

कक्षा 4 - कानाबाती कुर्र ✏️📚
- पाठ्यपुस्तक से पेज नंबर **98-102** पढ़े
- पाठ्यपुस्तक से अभ्यास : **99-102**
- गतिविधि लिंक 1 : https://bit.ly/2G02flq
- गतिविधि लिंक 2 : https://youtu.be/4jr2iwM4jI4
- Worksheet लिंक : https://bit.ly/3hPzTb1

कक्षा 5 - पानी के खेल ✏️📚
- पाठ्यपुस्तक से पेज नंबर **113-116** पढ़े
- पाठ्यपुस्तक से अभ्यास : **113-115**
- गतिविधि लिंक 1 : https://bit.ly/3cixe8x
- गतिविधि लिंक 2 : https://youtu.be/BKt1eqUaWDc
- Worksheet लिंक : https://bit.ly/3iOgnwY

घर से पढ़ाओ वेबसाइट : http://bit.ly/padhao
EDUSAT schedule : http://haryanaedusat.com/timetable.php

🇮🇳 **घर पर रहें, स्वस्थ रहें, और पढ़ते रहें**"

Messages are shared Monday to Friday for all grades

Students read and solve questions from textbooks

Activities and videos based on relevant competencies are shared

Competency linked worksheets shared for students to solve

🏠 घर से पढ़ाओ | 23 सितम्बर | कक्षा 10

Maths Topic: त्रिकोणमिति का परिचय

- हल करें NCERT Excercise 8.1
Q. no. 1, 2, 4, 5
http://bit.ly/10M08HNCERT

- हल करें वर्कबुक Excercise 10M08.1
Q. no. 4, 5, 6, 9, 10 (पेज 157)
http://bit.ly/10M08HWorkbook

Science Topic: कार्बन और उसके यौगिक

- विडियो देखिये कोयला और पेट्रोलियम, दहन (2 विडियो)
http://bit.ly/revisioncombustion
http://bit.ly/revisioncoalpetroleum

- पढ़िए Revision Notes (पेज 59-60 पर)
और हल करें 10C04.0 Q1-9
http://bit.ly/10C04HindiWorkbook

- पढ़िए NCERT (पेज 64)
http://bit.ly/10C04HindiNCERT

1:48 PM ✓

A quiz is conducted at the end of every week to assess students' learning

Based on the content shared through the week

Best performing Districts and Blocks get certificates

Report of each quiz shared to increase participation

Role of a Teachers and school Heads

- Ensure students receive and study from the daily messages
- Check the homework of the students and provide feedback
- Motivate students to participate in the weekly quiz
- Clear any doubts the student may have in the quiz
- Appreciate good performance by students

Shiksha Mitr initiative was launched to connect each student with a smartphone

शिक्षा मित्र

पूर्व- अपेक्षा

इंटरनेट सक्षम स्मार्टफोन

छात्र के साथ नियमित संपर्क

कौन हो सकता है?

माता – पिता	पडोसी
भाई – बहन	रिश्तेदार

क्या करेंगे?

1. **स्मार्टफोन** का उपयोग करके **छात्रों को शिक्षक से कनेक्ट** करें
2. शिक्षक द्वारा **निर्धारित एक्टिविटीज पूरी** हों यह सुनिश्चित करें

Teachers will play a critical role in making the campaign a success

- अभिभावकों और छात्रों को शिक्षा मित्र के बारे में जागरूक करें
- कक्षा के प्रत्येक छात्र के लिए एक शिक्षा मित्र ढूंढे
- शिक्षा मित्र पर विवरण एकत्र और सत्यापित करें
- रजिस्ट्रेशन से पहले माता-पिता के साथ शिक्षा मित्र की पुष्टि करें
- हर छात्र के लिए शिक्षा मित्र का रजिस्ट्रेशन करें
- शिक्षा मित्र से बात करें और सुनिश्चित करें कि वे छात्रों को स्मार्टफोन प्रदान कर रहे हैं

Mentors will provide support to teachers and drive uptake

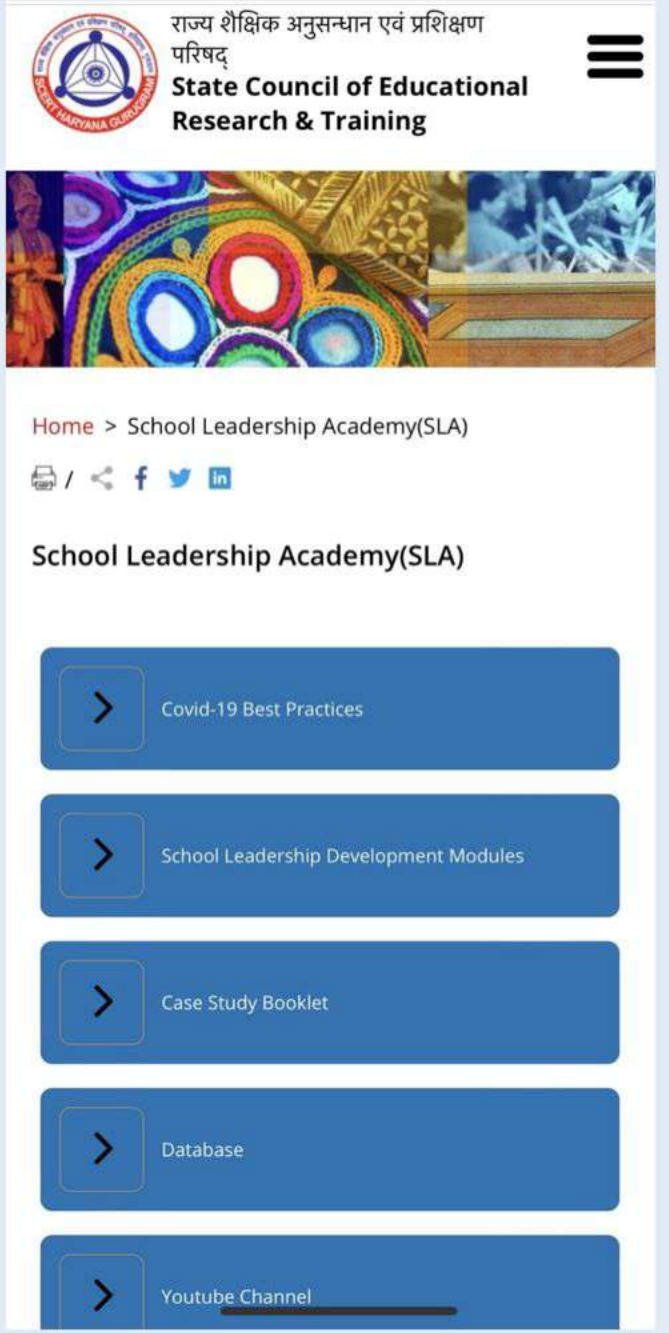
- स्कूल-स्तर के रजिस्ट्रेशन के लिए गति और निगरानी बनाएँ
- Whatsapp और मीडिया के माध्यम से कम्युनिटी और शिक्षकों को शिक्षा मित्र के बारे में बताएं
- सुनिश्चित करें कि शिक्षक FAQ में मौजूद दिशा-निर्देशों का पालन करते हैं
- शिक्षकों के प्रश्नों का उत्तर दें और उनके सामने आने वाली समस्याओं को हल करें
- आपको सौंपे गए प्रत्येक स्कूल के लिए साप्ताहिक रजिस्ट्रेशन प्रगति को ट्रैक करें
- शिक्षा मित्र से बात करें और सुनिश्चित करें कि वे छात्रों को स्मार्टफोन प्रदान कर रहे हैं

OCBP DIKSHA: Train from Anywhere

Online Capacity Building of Teachers

School Leadership Haryana

Academic Year 2020 was the digital year for School Leadership Academy, Haryana. SLA started with online trainings for school leaders and put a mark on online platform in the form of its own YouTube channel, online modules on school leadership development, documenting best practices in the form of videos and case-studies. All this material is available on NCSL portal and SCERT Haryana website. Here is a highlight of achievements of SLA Haryana in the digital initiatives



A. Development of Online Module for school leadership development

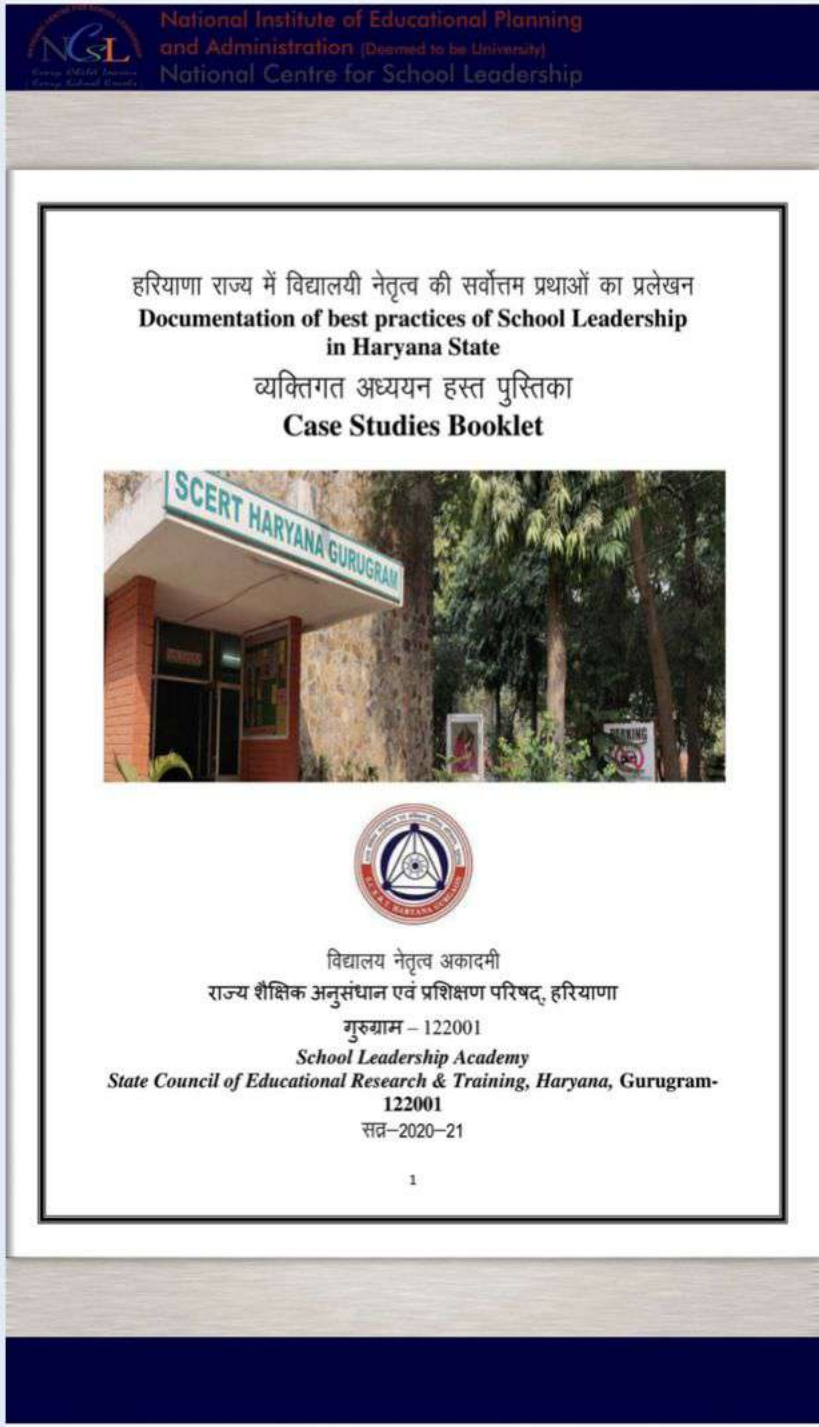
- A total of four module on school leadership development have been submitted and uploaded on SCERT website NCSL portal
- Leadership for cyber safety and security in secondary schools in Haryana
- बच्चों की यौन उत्पीडन से सुरक्षा में विद्यालय मुखिया की भूमिका
- Role of School Leader in Invoking Community Participation in rural area based Schools of Haryana
- नूह (हरियाणा) में माध्यमिक एवं उच्च शिक्षा के संदर्भ में विद्यालयी मुखिया की भूमिका

B. Videography (Documenting Best Practice)

- A video of Government Model Sanskriti Sn. Sec. School, Sanghi, Rohtak, Haryana was prepared and shared on NCSL portal and on SCERT website
- A video of GSSS, Khori, Rewari, Haryana was prepared and shared on NCSL portal and on SCERT website

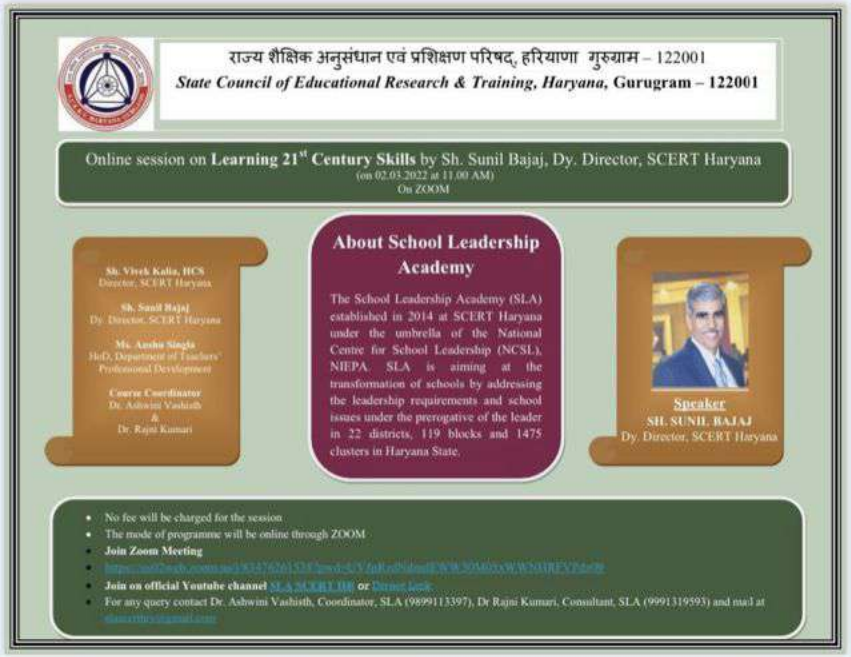
C. Case Studies (Documenting Best Practice)

- Seven Case-studies on best practices during lockdown (covid-19) have been submitted to NCSL and uploaded on SCERT website.
- A flip book of Case-study booklet consisting 20 best practices has been developed and uploaded and shared on NCSL portal and on SCERT website



D. Online Webinar/Guest lecture (Live Telecast on Youtube Channel)

- SLA SCERT Haryana is running a Guest Lecture Series under which three sessions have been completed and were telecast live on youtube channel. (Click on Blue link to see)
- Online Motivational Session for School Leaders by Sh. M.K. Midha, IAS (Retd.)
- Online session on HRMS, MIS and other e-aspects by Sh. Ramjeet, Nodel officer, HRMS, Rewari
- Online session on Conduct Rules by Sh. Avinash Chander Sharma, Principal, Divisional Training Centre, HIPA, Gurugram on 16.02.2022 at 11.00 AM on ZOOM.
- Online session on 21st Century Skills by Sh. Sunil Bajaj, Dy Director, SCERT Haryana, Gurugram on 2.03.2022 at 11.00 AM on ZOOM.
- Online session on Learning through Innovation by Dr. Rishi Goel, Director, PRARMBH, Jhajjar on 9.03.2022 at 03.00 PM on ZOOM.
- Online session on Role of School Leaders in Guidance and Counselling of students by Ms. Pooja Verma, Private Counsellor, Gurugram on 11.03.2022 at 11.00 AM on ZOOM.
- Online session on Yoga Education for Overall Health Development by Dr. Bhudev, Yoga Specialist, AYUSH Department, Gurugram on 29.03.2022 at 11.00 AM on ZOOM.

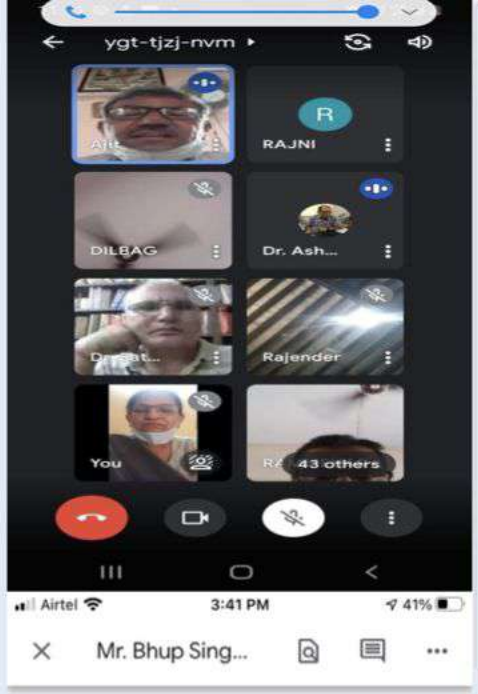


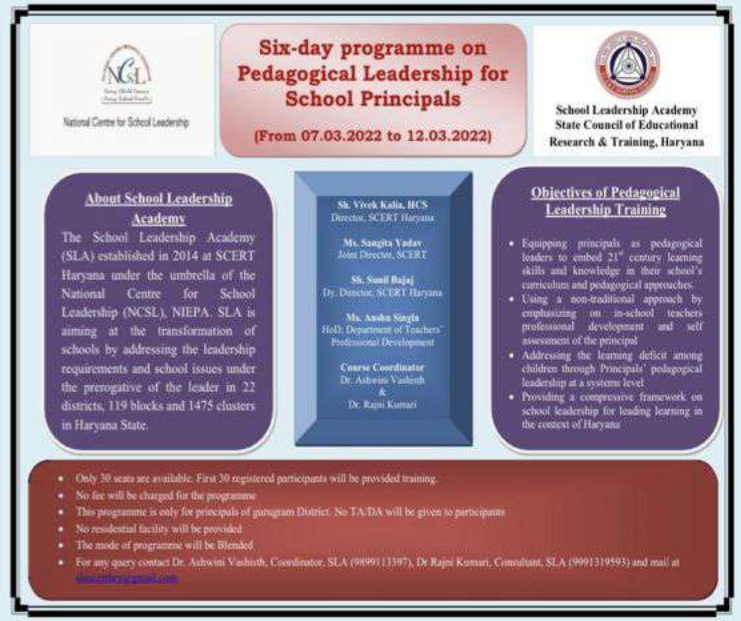
E. Development of Youtube Channel

- Created a seprate youtube channel of SLA named SLA SCERT HR where videos and content related to school leadership is uploaded on regular basis (instructed by NCSL)
- A total of nine videos were uplaoded in the sesseion 2020-21

F. Trainings (2020 to 2022)

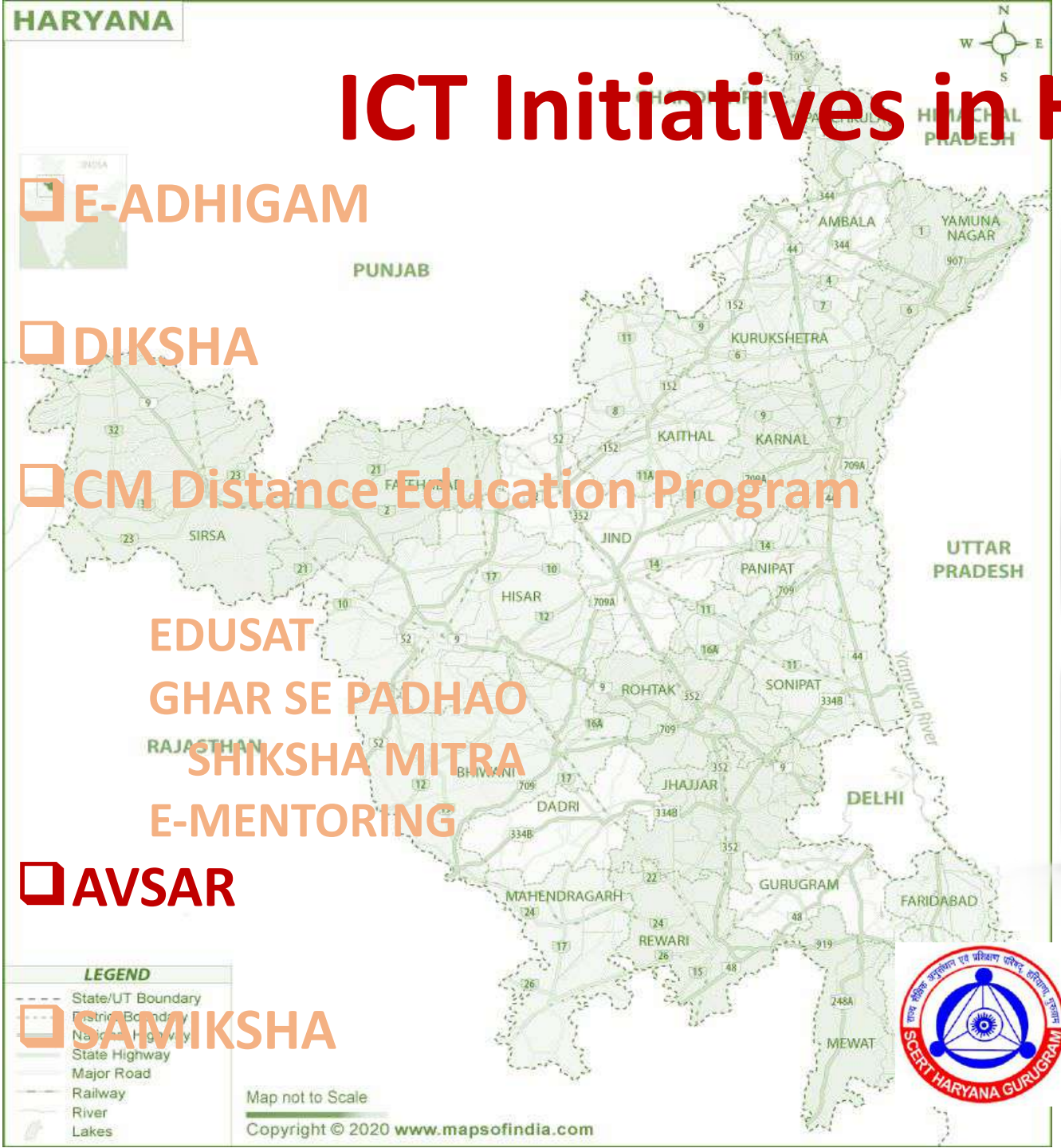
- Six-day pedagogical leadership programme for school principals was organised on zoom in march, 2022 and all the sessions were streamed live on official YouTube channel on SLA SCERT HR
- One month certificate course on school leadership development was organised for newly promoted headmasters on google meet in February, 2021
- Five-day online training on school leadership was organised in 12 batches on google meet and 850 newly promoted headmasters were covered under the programme
- Five-day online training on school leadership was organised in 12 different batches on zoom platform and 800 newly promoted principals were covered under the programme





ICT Initiatives in Haryana

- E-ADHIGAM
- DIKSHA
- CM Distance Education Program
- EDUSAT
- GHAR SE PADHAO
- SHIKSHA MITRA
- E-MENTORING
- AVSAR
- SAMIKSHA



When COVID hit, Avsar App was launched as the one-stop shop for digital learning

Avsar App

1. Digital Content

Videos I *Worksheets* I *Digital Textbooks*

2. Practice Resources

Periodic surveys I *Student led practice*

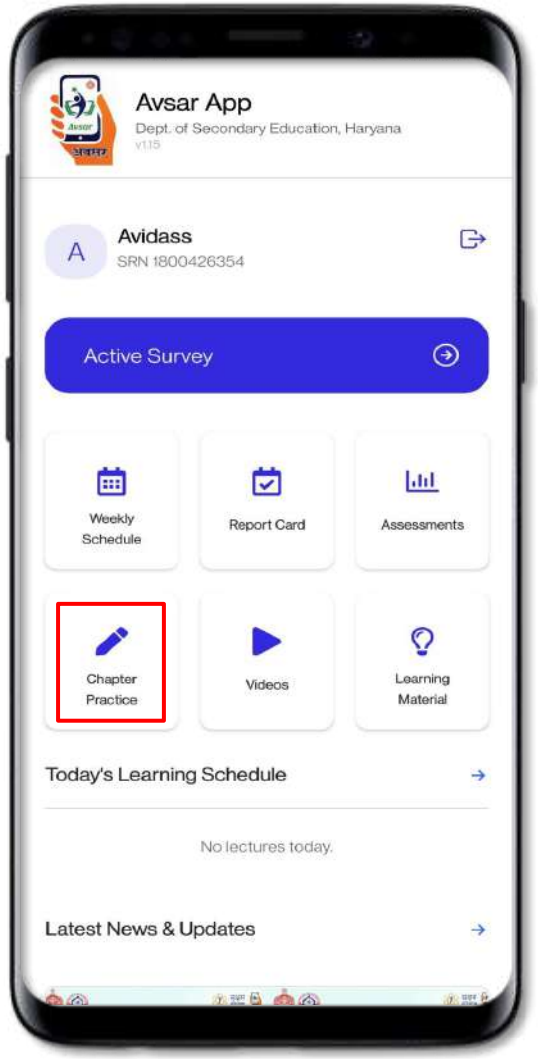
3. Assessments

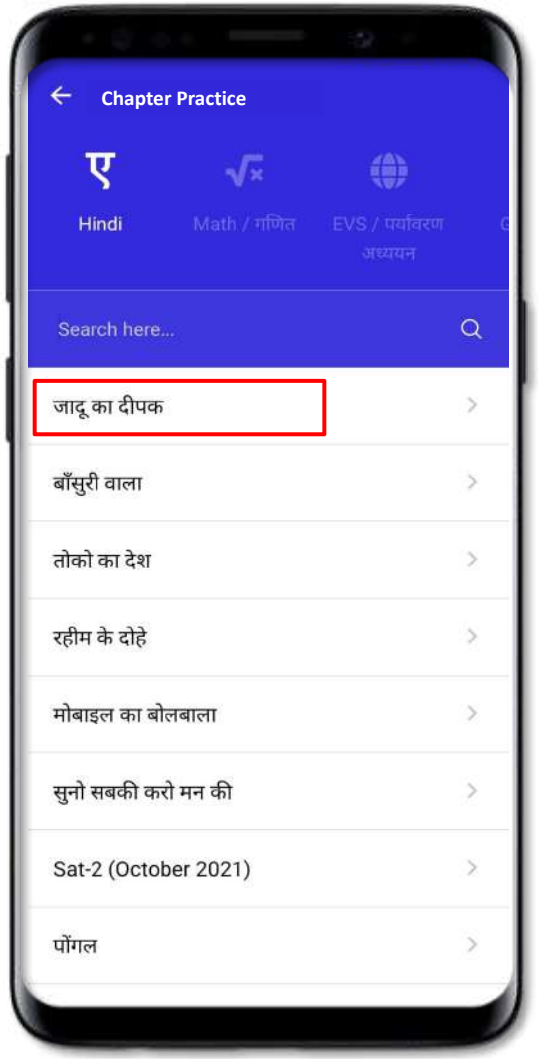
Online I *Offline*

4. Result Visualisation

Student Reports

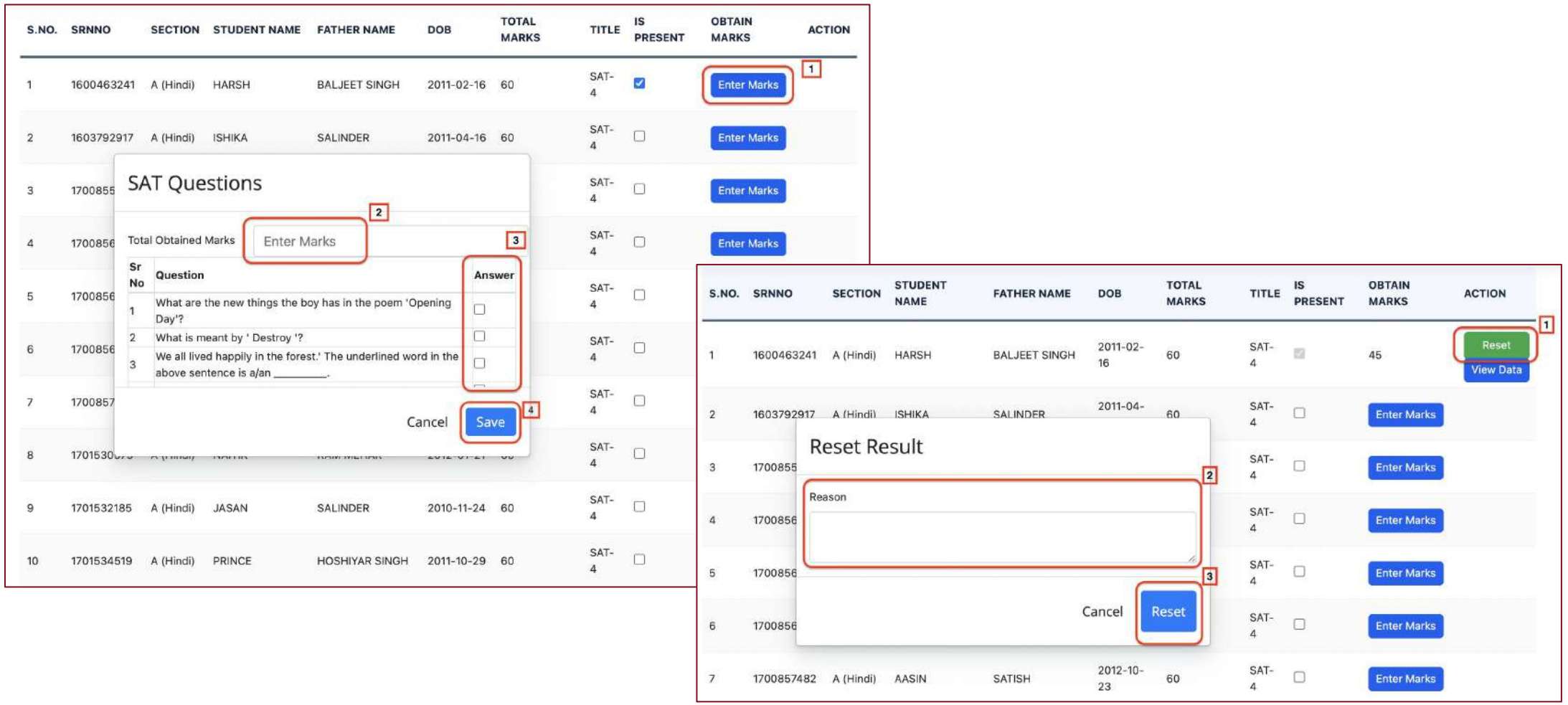
Development 1: Chapter End Quizzes





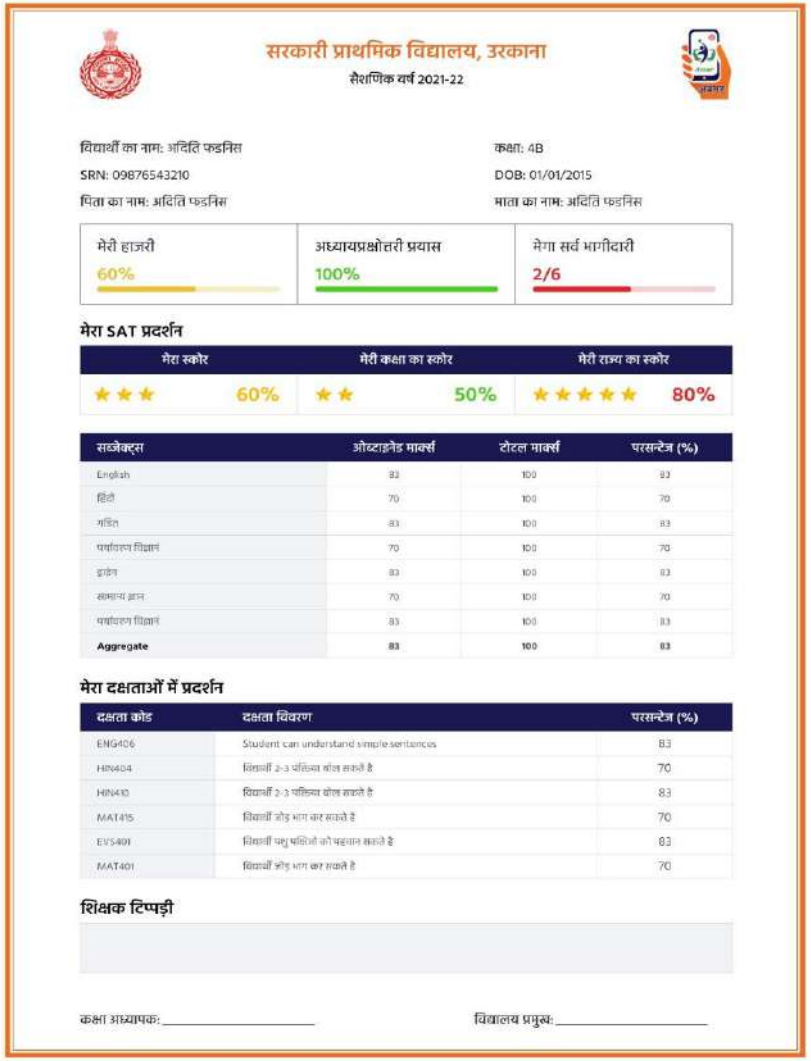
The app also enables the teacher to see student level, chapter level progress

Development 2: SAT Data Entry



Granular data entry will enable collection of competency level information

Development 3: Student Level Reports



सरकारी प्राथमिक विद्यालय, उरकाना

सैशणिक वर्ष 2021-22

विद्यार्थी का नाम: अदिति फडनिस | कक्षा: 4B

SRN: 09876543210 | DOB: 01/01/2015

पिता का नाम: अदिति फडनिस | माता का नाम: अदिति फडनिस

मेरी हाजरी	अध्यायप्रश्नोत्तरी प्रयास	मेगा सर्व भागीदारी
60%	100%	2/6

मेरा SAT प्रदर्शन

मेरा स्कोर		मेरी कक्षा का स्कोर		मेरी राज्य का स्कोर	
★ ★ ★	60%	★ ★	50%	★ ★ ★ ★ ★	80%

सब्जेक्ट्स	ओब्टाइनेड मार्क्स	टोटल मार्क्स	परसन्टेज (%)
English	83	100	83
हिंदी	70	100	70
गणित	83	100	83
पर्यावरण शिक्षण	70	100	70
ड्राइंग	83	100	83
सामान्य ज्ञान	70	100	70
पर्यावरण शिक्षण	83	100	83
Aggregate	**83**	**100**	**83**

मेरा दक्षताओं में प्रदर्शन

दक्षता कोड	दक्षता विवरण	परसन्टेज (%)
ENG406	Student can understand simple sentences	83
HIN404	विद्यार्थी 2-3 पंक्तियां बोल सकते है	70
HIN410	विद्यार्थी 2-3 पंक्तियां बोल सकते है	83
MAT415	विद्यार्थी जोड़ भाग कर सकते है	70
EVS401	विद्यार्थी पशु पक्षियों को पहचान सकते है	83
MAT401	विद्यार्थी जोड़ भाग कर सकते है	70

शिक्षक टिप्पड़ी

कक्षा अध्यापक: _____ विद्यालय प्रमुख: _____

- **Student-wise learning & engagement records**
- **State, district, block, school-level data visibility**
- **Performance comparison over 4-5 assessments**
- **Subject-wise performance analysis**
- **Strongest and weakest competency visibility**

Student level report will serve as a complete learning record for teachers & students

The Avsar app is now capable of fulfilling post COVID needs of students & teachers

1. Digital Content

Videos l Worksheets l Digital Textbooks*

2. Practice Resources

*Periodic surveys l Student led practice**

3. Assessments

*Online l Offline**

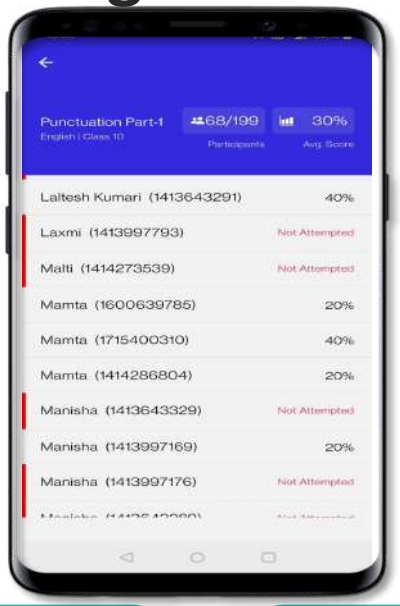
4. Result Visualisation

*Student Reports**

On Avsar App, students can make use of the many features available

- Fill the “Active Survey” to mark attendance for EDUSAT lectures
- Access supplementary videos and lessons
- Practice material available via ‘Chapter Practice’ tab
- View progress via Student Report Card

Success of the Avsar App is substantiated by multiple on-ground achievements



~20 lacs

Number of students registered on the Avsar App

>18,000

Total content views

~75%

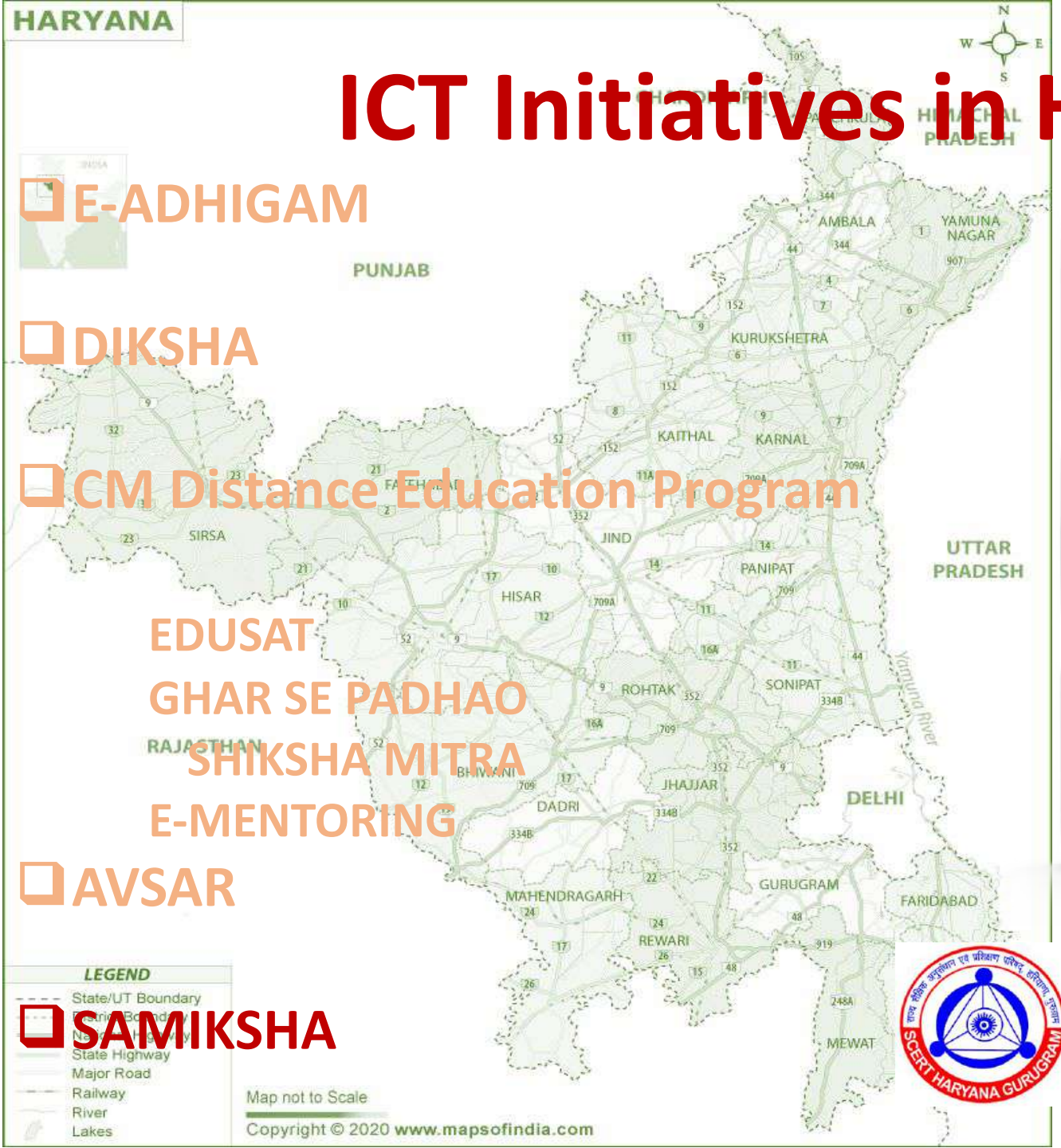
Student participation in practice quizzes

~85%

Student participation in assessments

ICT Initiatives in Haryana

- E-ADHIGAM
- DIKSHA
- CM Distance Education Program
- EDUSAT
- GHAR SE PADHAO
- SHIKSHA MITRA
- E-MENTORING
- AVSAR
- SAMIKSHA



As COVID impacted schools, home learning was launched to ensure continued student learning

Schools closed due to COVID

Students engaged in studying at-home

In 2022, the mentoring structure in Haryana is equipped to provide mentoring to teachers in online as well as offline modes

There can be either online or offline mode of teaching given covid status

If Online teaching:

E-mentoring

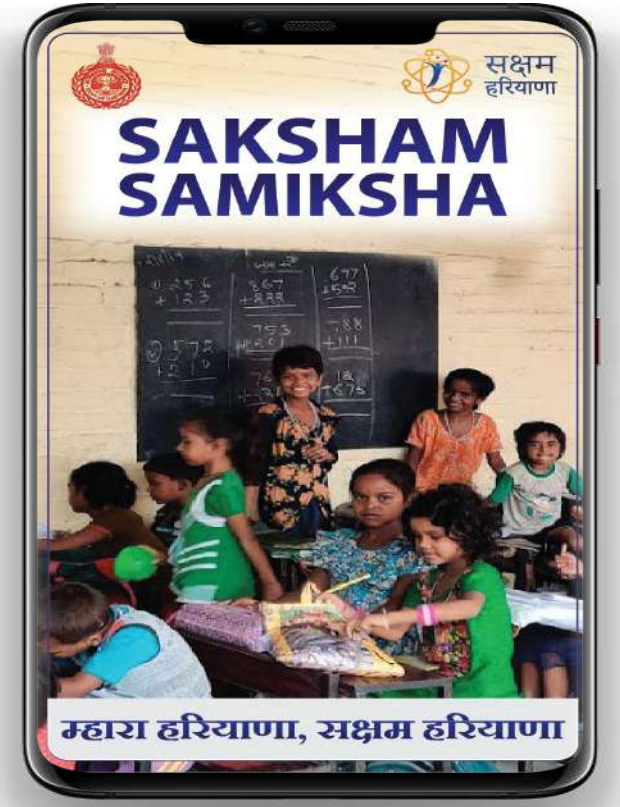
If Offline teaching:

Physical mentoring

Mentors connect to school heads, teachers & students to support them in transition

Samiksha App is used by 1500+ mentors daily to conduct Quality mentoring

There can be either online or offline mode of teaching given covid status



If Online teaching:

E-mentoring

If Offline teaching:

Physical mentoring

Four activities to be conducted during e-mentoring visit

List of activities: E-mentoring

Class Observation

2 classes per visit

Parent Calls

1 Parent per class (Total – 2)

Teacher Calls

1 Teacher per class (Total – 2)

School Head Call

1 Call per visit

Four activities to be conducted during physical mentoring visit

List of activities: Physical mentoring

Class Observation

3 classes per day

Teacher Feedback

1 Teacher per class (Total – 3)

Spot assessments

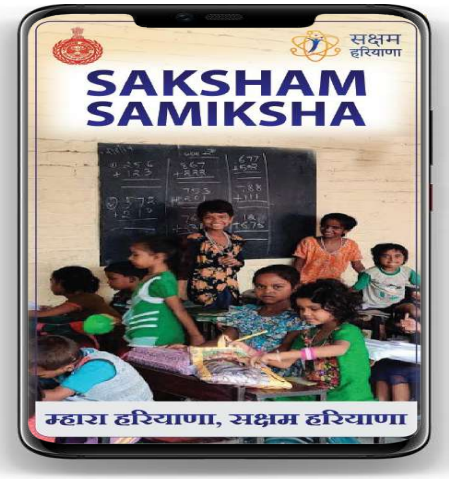
5 students per visit

School Head Discussion

1 discussion

Mentoring collaterals are updated daily to reflect visit information

Samiksha form and mentoring dashboard are updated post visit



Mentors submit mentoring form on Samiksa app

Mentoring dashboard is auto-updated to review visit information

Dedicated tech team is available for ongoing support

NEP जिला स्कोरकार्ड

7th मार्च – 31st मार्च, 2022

NEP जिला स्कोरकार्ड

श्रेणी व मापदंड				बल
Curriculum & Pedagogy				
	% sahyogi mentor meeting conducted & quality of meetings	% elementary mentor visit compliance & school coverage	% secondary mentor visit compliance & school coverage	40%
Resourcing & Governance				
	% DC reviews conducted & quality of review	% SDM reviews conducted & quality of review	% DIET reviews conducted & quality of review	30%
Universal Access to All				
	% out of school students identified in Academic Year 2021-22 to be mainstreamed by March 2022	% Out of School students provisionally admitted in schools for Academic Year 2022-23		30%

आइए हम 2025 तक NEP-2020 के लक्ष्यों को प्राप्त करें

NEP जिला स्कोरकार्ड : March 2022

NEP जिला स्कोरकार्ड

Overall Ranking

Rank		District Score
Current	Last	
4	2	Ambala
12	18	Bhiwani
21	15	Charkhi Dadri
18	20	Faridabad
8	12	Fatehabad
6	14	Gurugram
15	11	Hisar
1	9	Jhajjar
22	21	Jind
2	7	Kaithal
13	13	Karnal

Rank		District Score
Current	Last	
7	6	Kurukshetra
19	16	Mahendragarh
14	19	Nuh
16	17	Palwal
5	4	Panchkula
10	10	Panipat
11	3	Rewari
9	5	Rohtak
17	8	Sirsa
20	22	Sonipat
3	1	Yamunanagar

शिक्षा का अधिकार सर्व शिक्षा अभियान सब पढ़ें सब बढ़ें

सक्षम हरियाणा

धन्यवाद