Mobile Apps for Education

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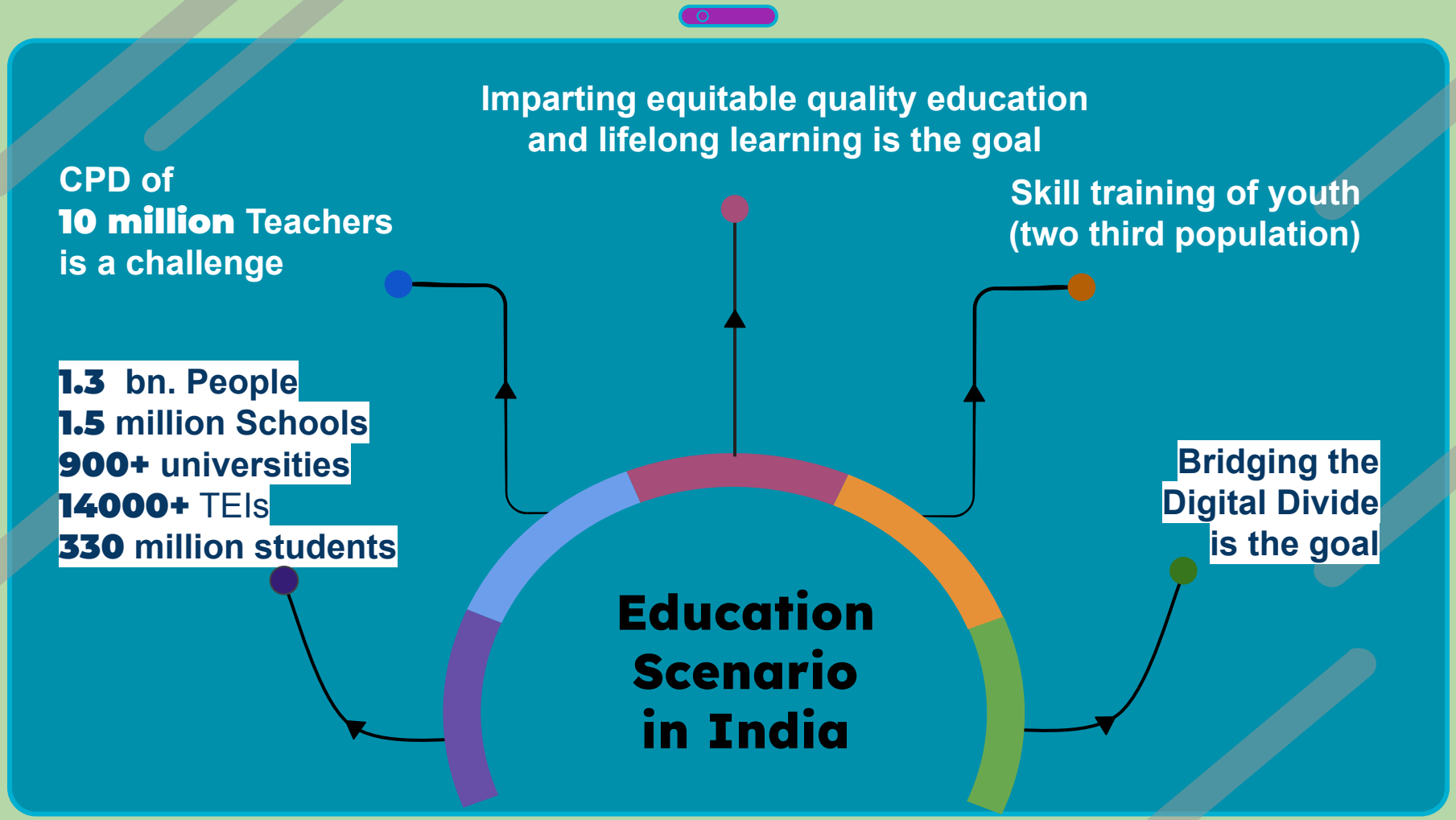
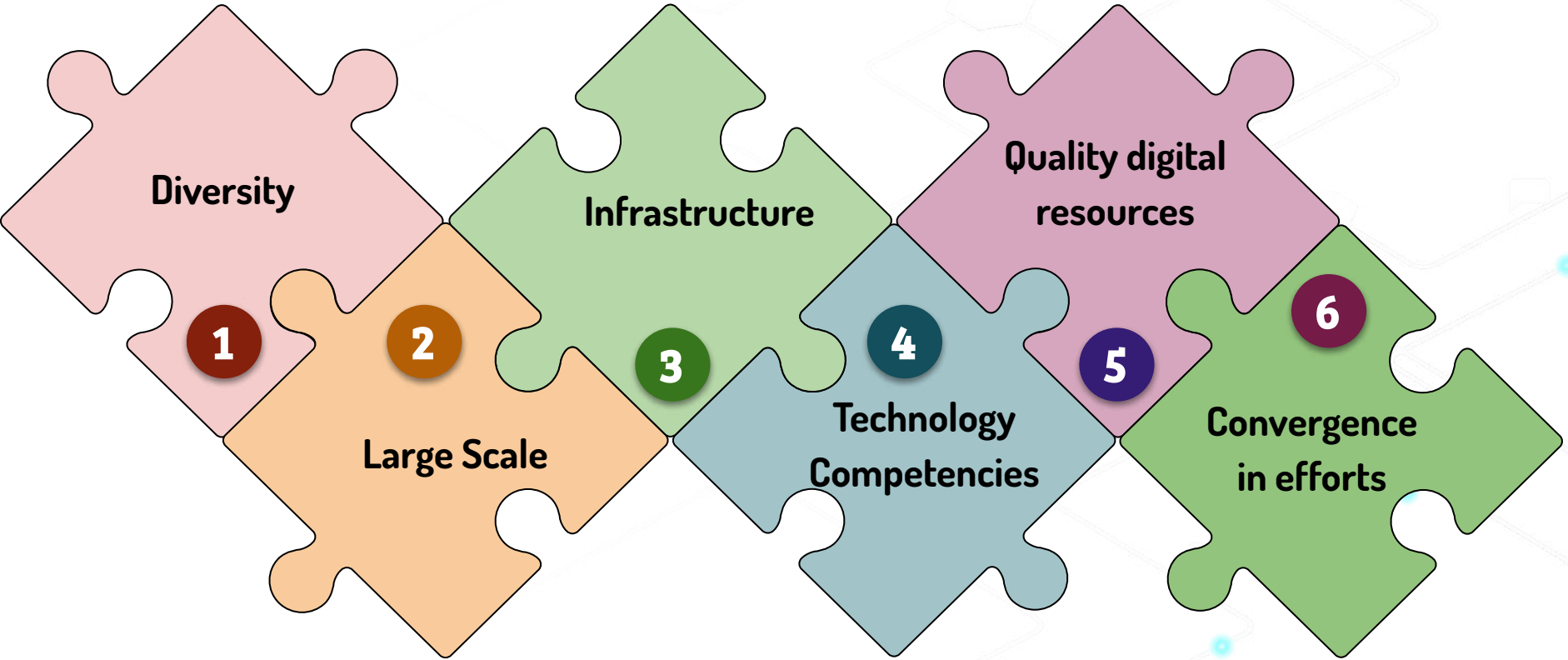

Imparting equitable quality education and lifelong learning is the goal
CPD of 10 million Teachers is a challenge
Skill training of youth (two third population)
1.3 bn. People
1.5 million Schools
900+ universities
14000+ TEIs
330 million students
Bridging the Digital Divide is the goal
Education Scenario in India

Central Institute of Educational Technology, NCERT: Mission

- Nodal agency of DoSE&L, GoI on ET for school education, implementation of national level policy, programmes and schemes
- To advise, assist and coordinate activities of ET/ICT with States/UTs.
- Utilize Radio, TV, satellite communications and Digital media to enhance learning and improve productivity in schools
- research, production of e-learning resources for children and teachers, including parents.
- Build capacity of teachers/educators for quality improvement in school education.
- Disseminate digital resources through portals, apps, broadcast & non-broadcast mode.

Catering to the needs of 1.5 million schools, 8.5 million teachers & 260 million Students

Issues & Challenges of Implementing Technology in Education



Major Digital Initiatives

1. PMeVIDYA
2. DIKSHA
3. ePathshala
4. NISHTHA
5. ePathshala Scanner
6. ICT Curriculum

- a joint initiative of Ministry of Education(MoE), Govt. of India and National Council of Educational Research and Training (NCERT)
- disseminating all educational e-resources.
- textbooks, audio, video, periodicals, and a variety of other digital resources.
- Mobile app is designed to achieve the SDG Goal no. 4
- 380 epubs/flipbooks/pdf.

 # 19,29,88,268 visitors on Portal
 # 30 M users in UMANG

App Rating

- 4.3 on Google play store
- 3.5 on Apple Store

App downloads/Users

- 55,47,565 on Google
- 21,61,272 on Apple

 # Total Books as ePub: 377
 # Total no of Flipbook: 377

https://https://epathshala.nic.in/

PlayStore & AppleStore

- Last Updated on
  24 Jan 2023
- 3.9 Rating(Google Play Store) & 2.8 Rating(Apple Store)
- Rated for 3+
- 5M+ downloads
- 40.2K reviews

- 380 ePubs.

Branding of ePathshala

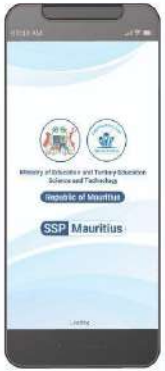
ePathshala

NISHTHA

Augmented Reality

PARAKH

NAS



SSP Mauritius

ePathshala Scanner

NCF

PRASHAST

DIKSHA

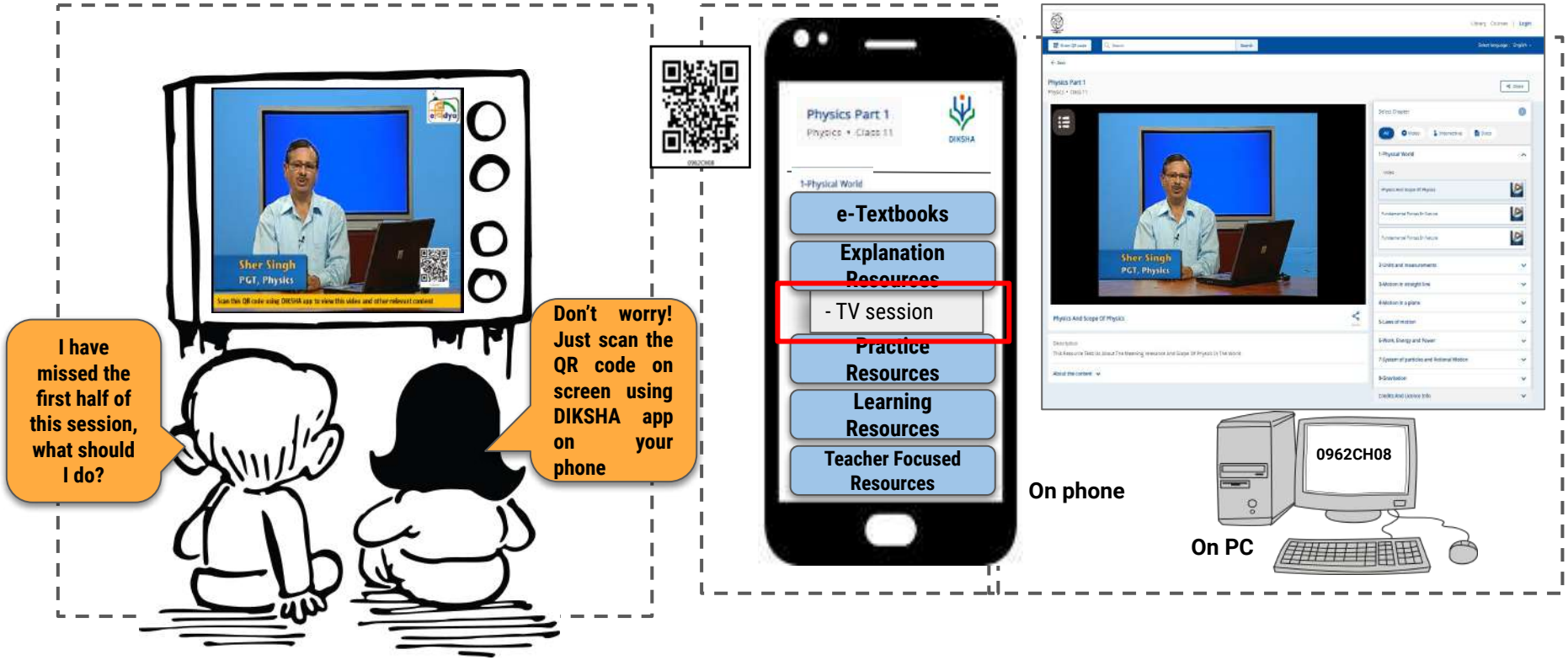
- 5900 + ETBs by States / UTs
- 2,80,000 eContent
- 7000 + eCourses
- 50 million page hits on daily basis
- Supports 36 languages Including 22 scheduled languages and indian sign languages (ISL).

Dedicated Verticals for

- Foundational Literacy and Numeracy (FLN)
- Adult Education
- Vocational Education
- Virtual Lab
- Children with special needs (CWSN)

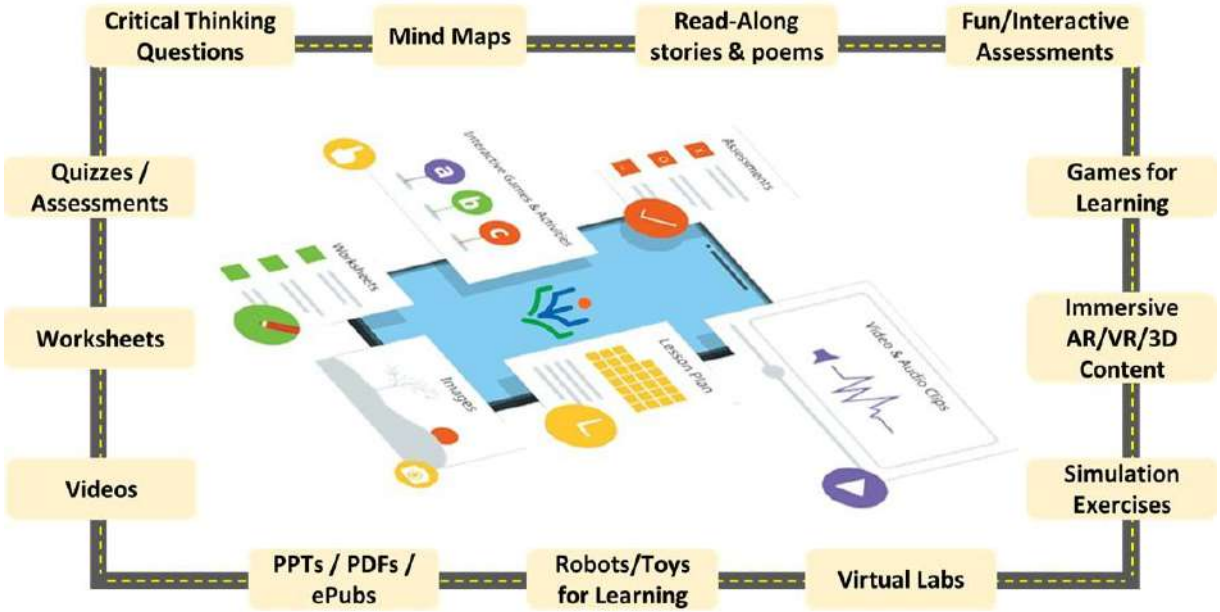
https://diksha.gov.in/

NCERT has leveraged DIKSHA to enable Coherent Access



DIKSHA portal & app and Television and Radio are integrated for coherent access (or coherence)

It hosts a variety of digital content to cater to diverse teaching & learning needs...



A journey from content to competence

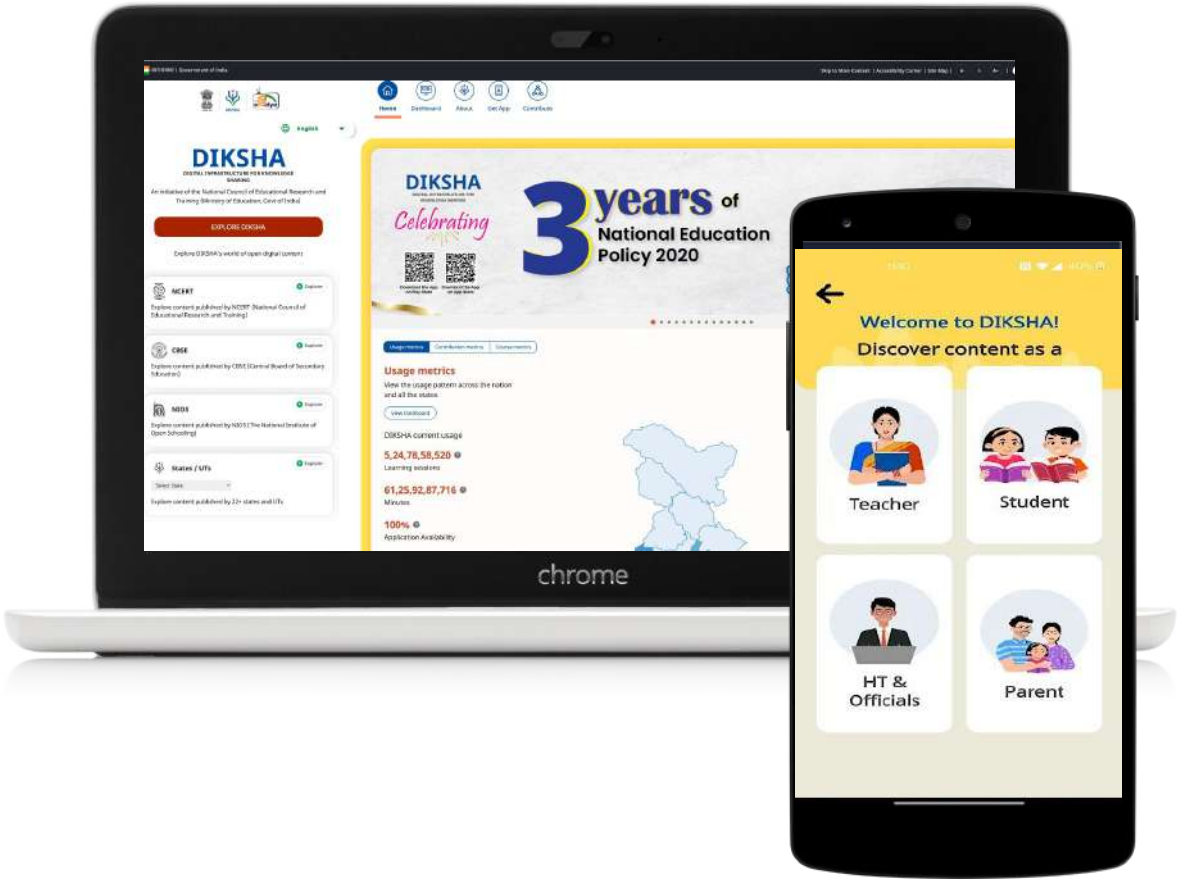
1,60,000+ Content and Courses

10,000+ Organizations and Individuals contributed

40+ State institutions and Central Organizations

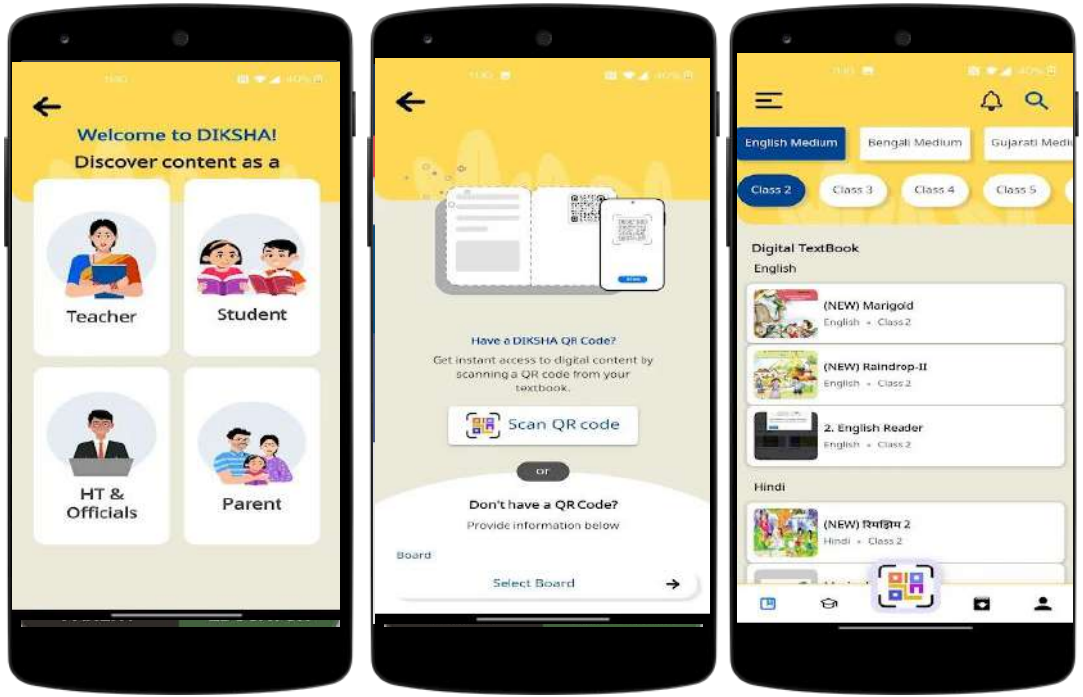
DIKSHA

- offers teachers, students and parents engaging learning material.
- relevant to the prescribed school curriculum.
- Teachers have access to aids.
- like lesson plans, worksheets and activities
- create enjoyable classroom experiences.
- students understand concepts, revise lessons and do practice exercises.
- Parents can follow classroom activities and clear doubts outside school hours.



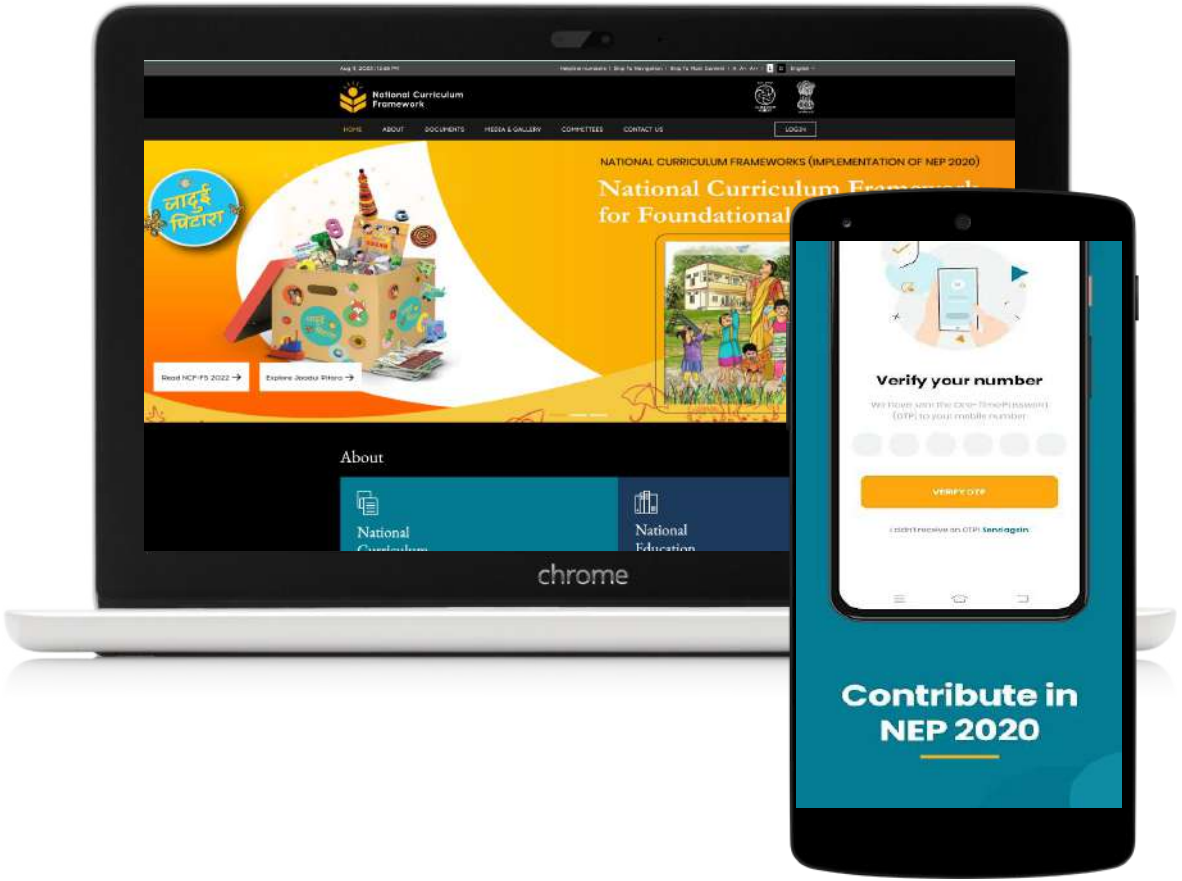
PlayStore & AppleStore

- Last Updated on
  27 Mar 2023
- 4.2 Rating(Google Play Store) & 2.8 Rating(Apple Store)
- Rated for 3+
- 10M+ downloads
- 433K reviews



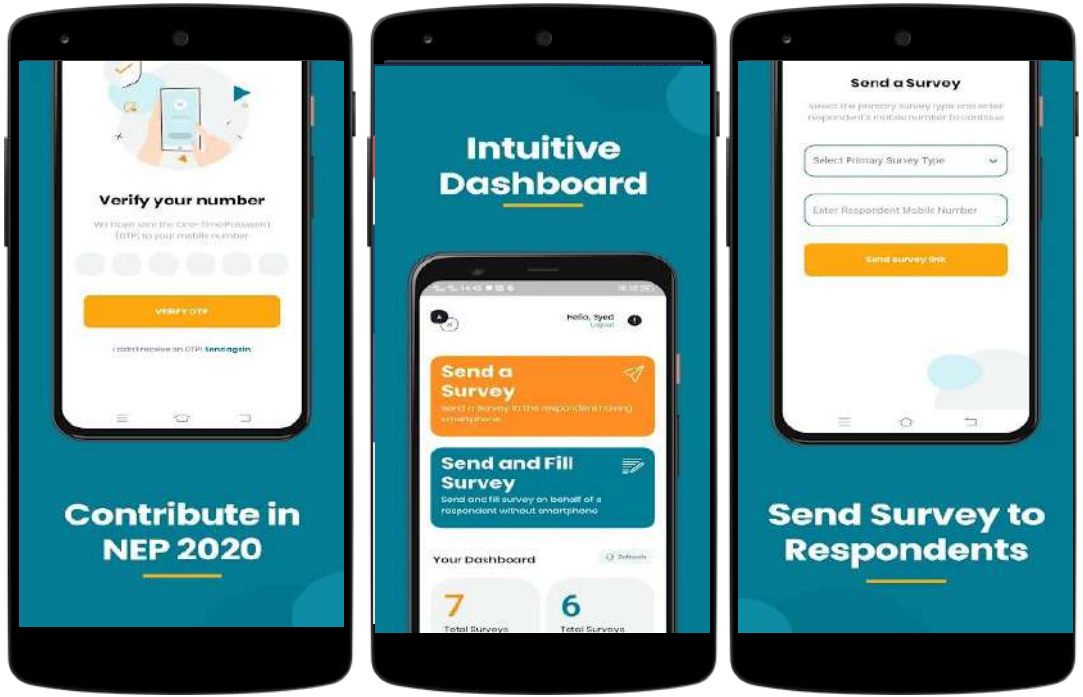
National Curriculum Framework

- app enables the survey of citizens associated with education
- consists of 100 questions related to New Education Policy 2020.
- Implementation divided into four areas- School Education, Early Childhood Care and Education, Teacher Education, and Adult Education.
- To seek responses from various stakeholders including teachers and teacher educators as per their area of interest or work.



PlayStore & AppleStore

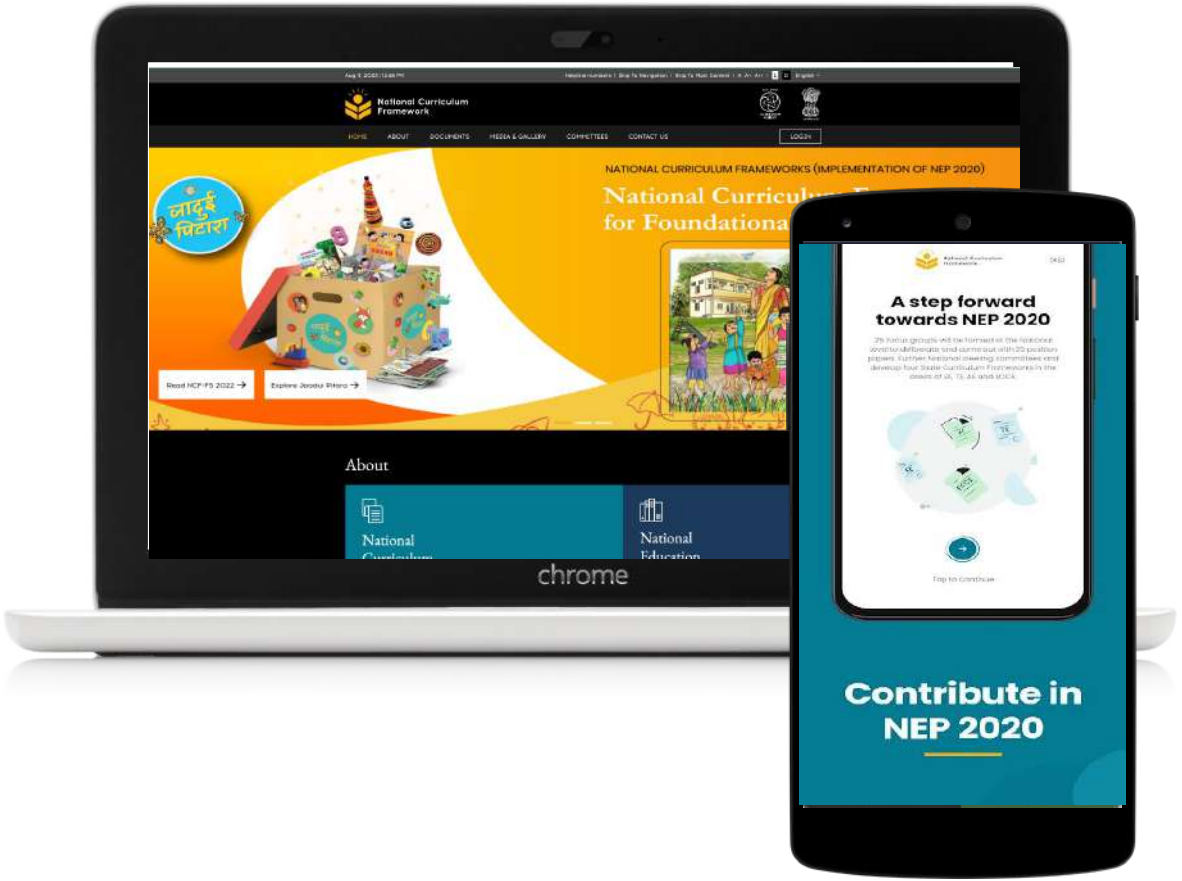
- Last Updated on
  Sep 19, 2022
- 4.0 Rating(Google Play Store) & 2.8 Rating(Apple Store)
- Rated for 3+
- 10K+ downloads
- 55 reviews



Training

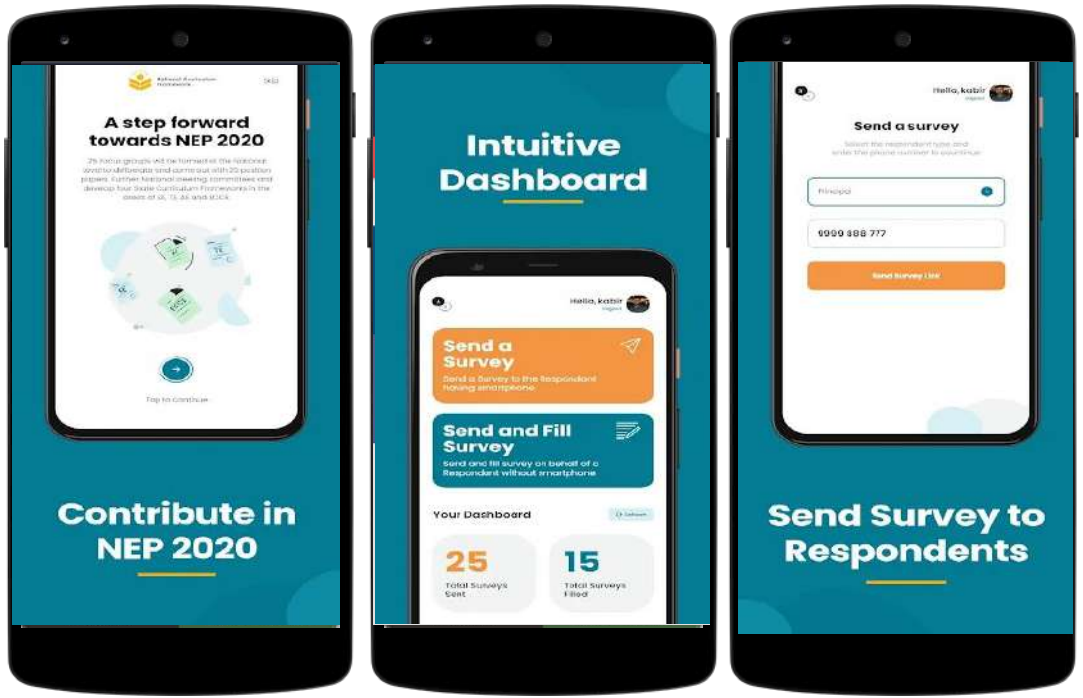
National Curriculum Framework

- app enables the survey of citizens associated with education
- consists of 100 questions related to New Education Policy 2020.
- Implementation divided into four areas- School Education, Early Childhood Care and Education, Teacher Education, and Adult Education.
- To seek responses from various stakeholders including teachers and teacher educators as per their area of interest or work.



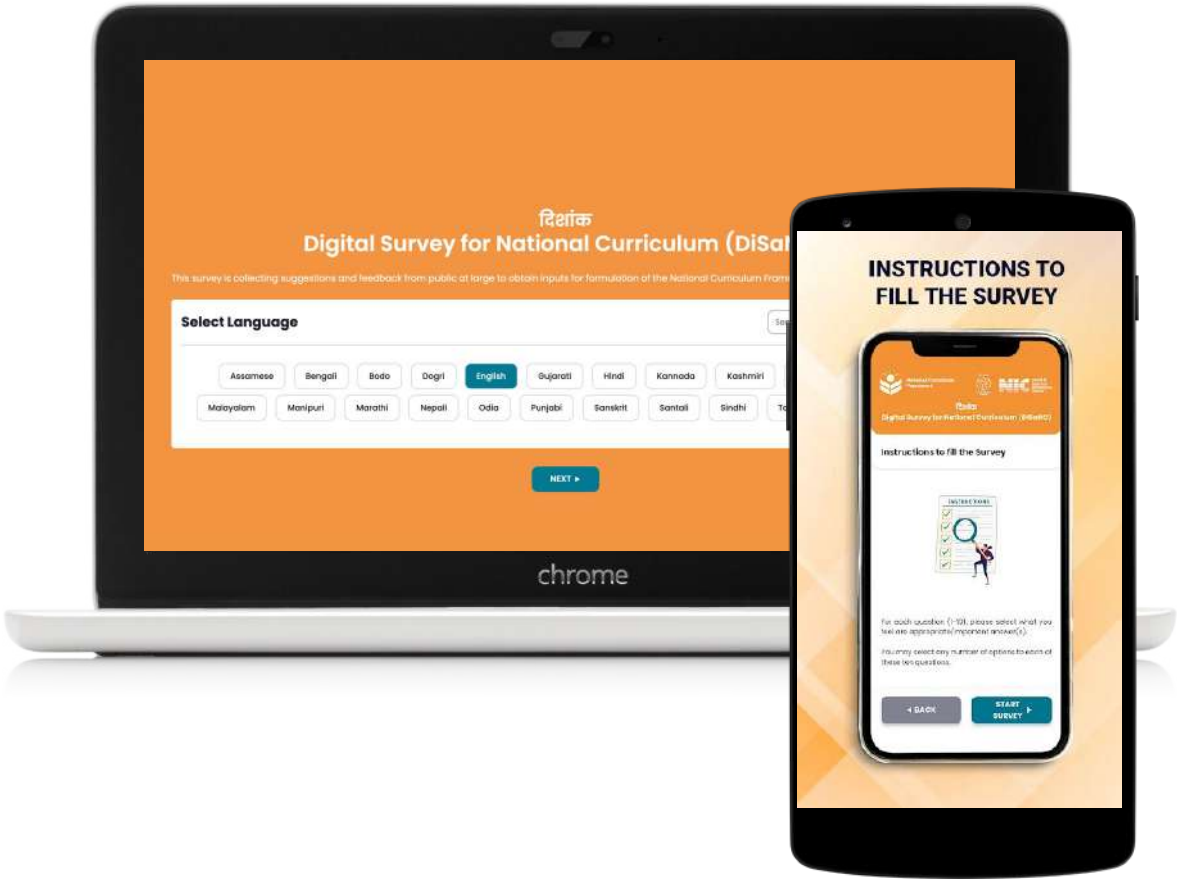
PlayStore & AppleStore

- Last Updated on
  Dec 25, 2021
- 4.4 Rating(Google Play Store) & 2.8 Rating(Apple Store)
- Rated for 3+
- 1K+ downloads
- 17 reviews



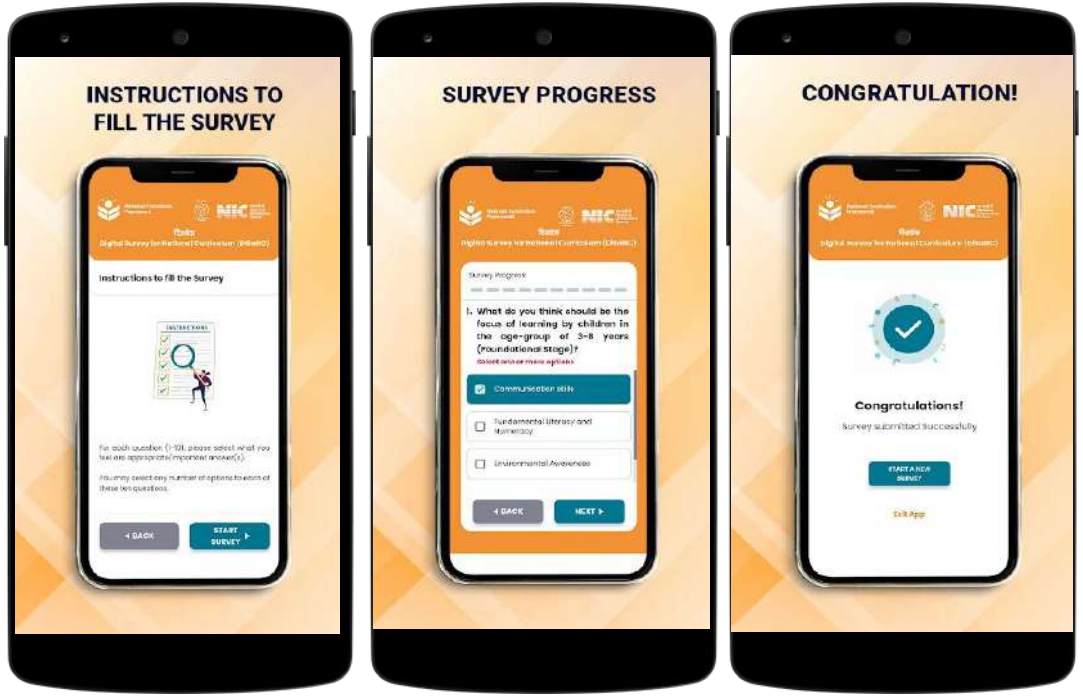
DiSaNC
National Curriculum Framework

- Based on the recommendation of NEP-2020
- Undertaken a process for formulation of National Curriculum Framework (NCF)
- adopting a paperless and bottom up approach
- This survey is available in 23 languages



PlayStore & AppleStore

- Last Updated on
  Sep 29, 2022
- 4.5 Rating(Google Play Store)
- Rated for 3+
- 5K+ downloads
- 18 reviews



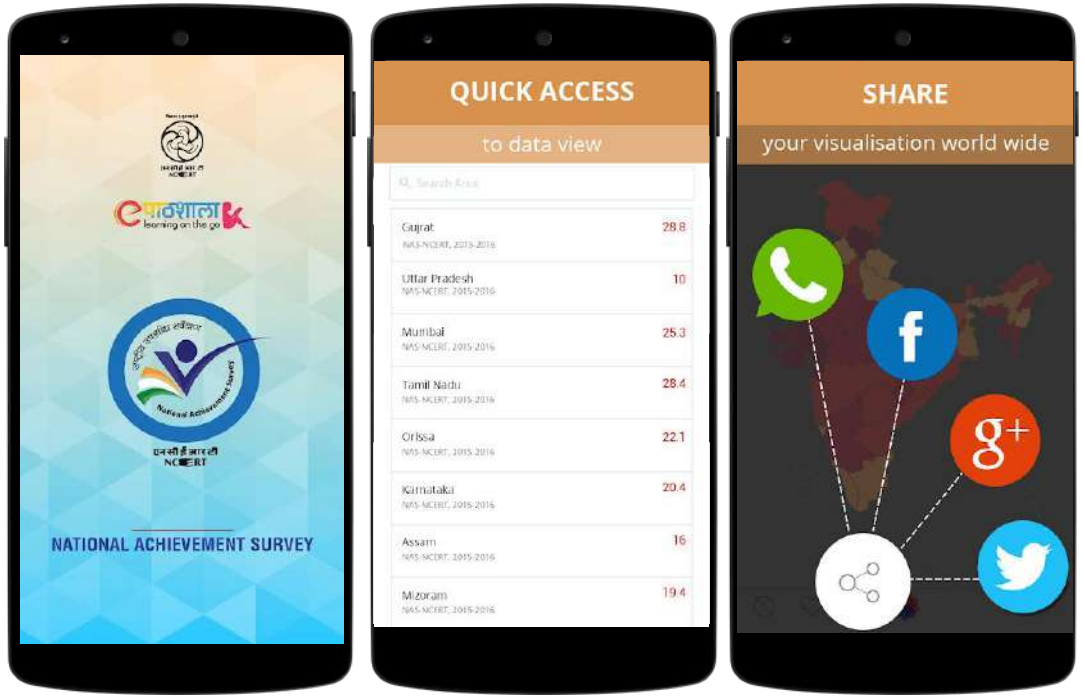
NATIONAL ACHIEVEMENT SURVEY

National Achievement SURVEY

- quick and an easy access to information on learning outcome
- Disaggregated and details learning achievement by management .
- detailed achievement by learning outcomes in classes 3, 5 and 8 are provided.
- can visualize information in charts and maps as per choice.
- easily share through email or social media.

PlayStore & AppleStore

- Last Updated on
  Jan 21, 2020
- 4.1 Rating(Google Play Store)
- Rated for 3+
- 10K+ downloads
- 79 reviews



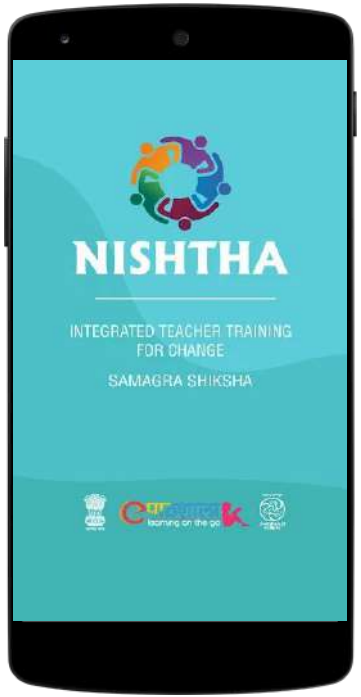
10K+(3.1)

ePathshala AR

100K+(3.1)

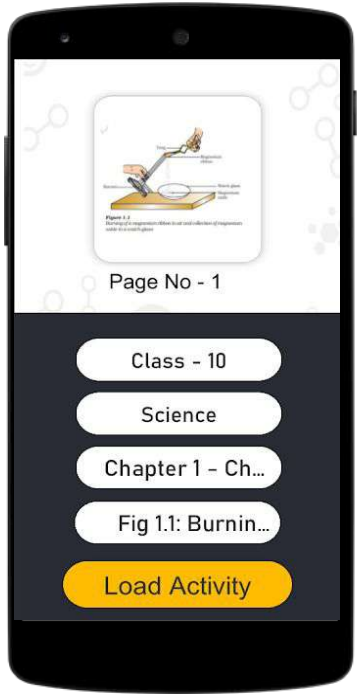
ePathshala Scanner

1M+(4.2)



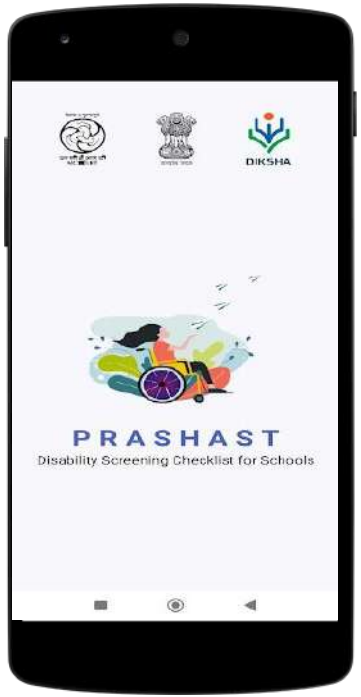
Nishtha

1K+(3.1)



PM e-Vidya

500K+(3.3)



Prashast

Continuous Professional Development (CPD)

NISHTHA

42 Lakh (Ele), 7.2 Lakh (Sec), 12.6 Lakh (FLN), around 1.2 Lakh (ECCE)

CPD Courses

3,67,657 Certificates issued

MOOCs for School Education

3,70,000 enrolled including students, teachers, parents and civil servant aspirants

Online Capacity Building on ET/ ICT

4 Lakh + Certificates issued

Total number of Webinars – 837

ISL Content completed (grade 1 - 7) and getting broadcasted

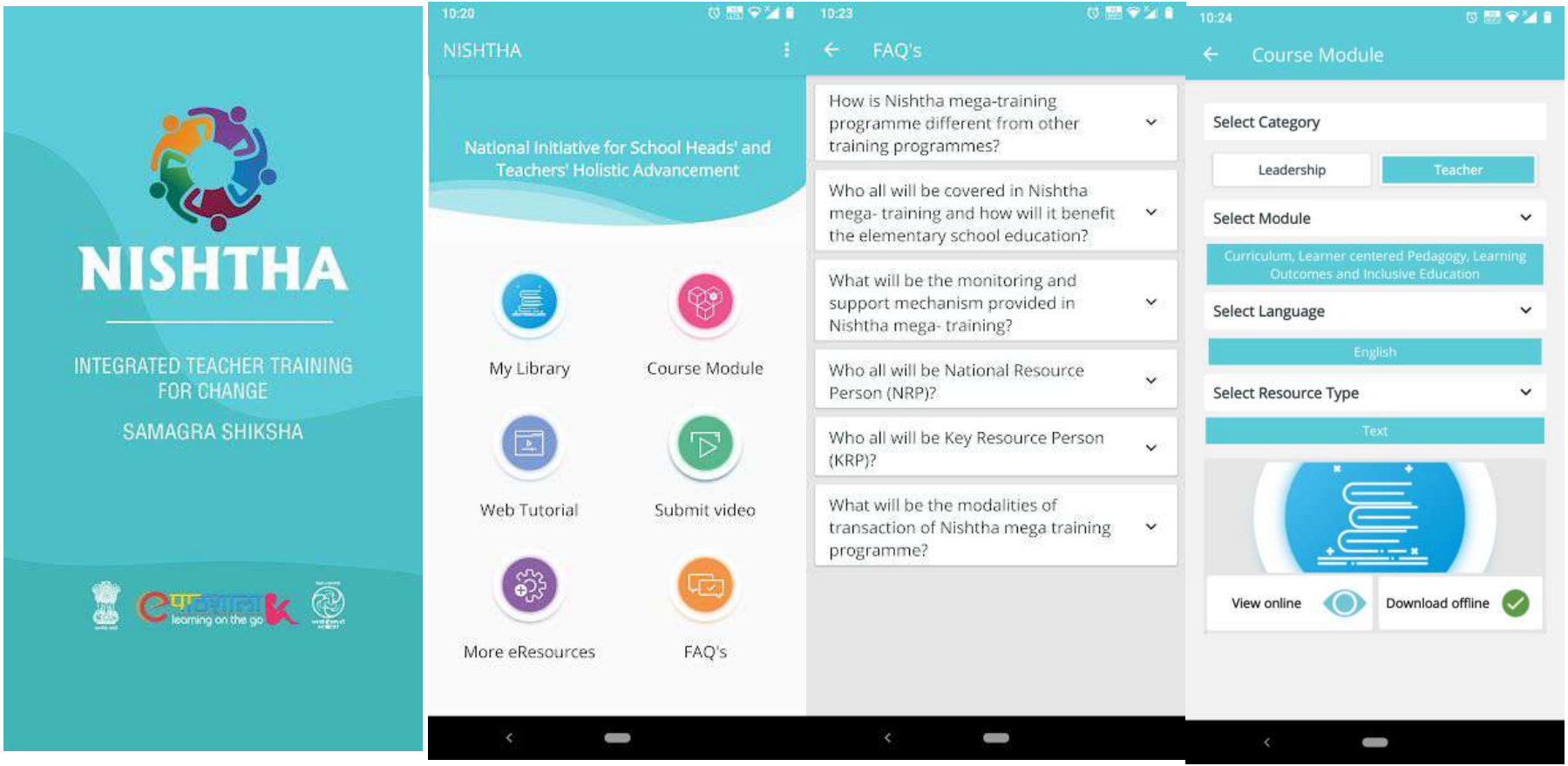
NISHTHA

Digital Teacher Training leveraging DIKSHA infrastructure has enabled capability building at a National scale

NISHTHA (Elementary Level)	**NISHTHA (Secondary Level)**	**NISHTHA (FLN)**	**NISHTHA (ECCE) (Ongoing)**
18 Courses	12 Courses	12 Courses	06 Courses
30 States/ UTs and 7 autonomous organisations under MoE and MoD	33 States/UTs and 8 autonomous organization under MoE, MoD and MoTA	33 States/UTs and 5 autonomous organizations under MoE	30 States/ UTs initiated CRCs, BRCs, POs, CDPOs, Supervisors, DIET faculty from DRU for NFE & AE
11 language - Assam, Bengali, Bodo, English, Kannada, Hindi, Telugu, Odia, Gujarati, Punjabi, Urdu	10 language - Hindi, English, Urdu, Gujarati, Punjabi, Telugu, Kannada, Bengali, Marathi and Odia	11 language - Hindi, English, Urdu, Gujarati, Punjabi, Telugu, Kannada, Odia, Bengali, Marathi and Mizo	2 languages - Hindi , English
42 Lakh	**7.2 Lakh**	**12.6 Lakh**	**0.15 Lakh**

Learners completed the Course

NISHTHA


NISHTHA
INTEGRATED TEACHER TRAINING FOR CHANGE
SAMAGRA SHIKSHA
10:20
NISHTHA
National Initiative for School Heads' and Teachers' Holistic Advancement
My Library
Course Module
Web Tutorial
Submit video
More eResources
FAQ's
10:23
FAQ's
How is Nishtha mega-training programme different from other training programmes?
Who all will be covered in Nishtha mega- training and how will it benefit the elementary school education?
What will be the monitoring and support mechanism provided in Nishtha mega- training?
Who all will be National Resource Person (NRP)?
Who all will be Key Resource Person (KRP)?
What will be the modalities of transaction of Nishtha mega training programme?
10:24
Course Module
Select Category
Leadership
Teacher
Select Module
Curriculum, Learner centered Pedagogy, Learning Outcomes and Inclusive Education
Select Language
English
Select Resource Type
Text
View online
Download offline

PRASHAST

Disability Screening Checklist for Schools

NCERT has developed the Disability Screening Checklist for Schools and a mobile app PRASHAST i.e. "Pre Assessment Holistic Screening Tool" for schools. PRASHAST app will help for school based screening of 21 disability conditions recognized in RPwD Act 2016, and generate the school-level report, for further sharing with the authorities for initiating the certification process, as per guidelines of Samagra Shiksha

PRASHAST – Pre assessment holistic screening tool

- PRASHAST is a mobile application designed to support teachers in the initial screening of children with disabilities
- It has two level screening i.e Part- 1 and Part 2, in line with RPwD act 2016
- Part 1 has the questions to be answered by teacher for a student suspected to have a disability
- Part 2 will verify the responses of the teacher by Special educator and identify the disability
- Sharing of school level data with the CRC and BRC for further utilisation in the disability assessment and certification camps

PRASHAST

Stakeholders and their respective roles in the

Principals

- Creates an account with the Email ID linked with UDISE Code
- Verify the teachers and Special Educator Accounts
- Download School wise and class-wise data reports for further sharing.

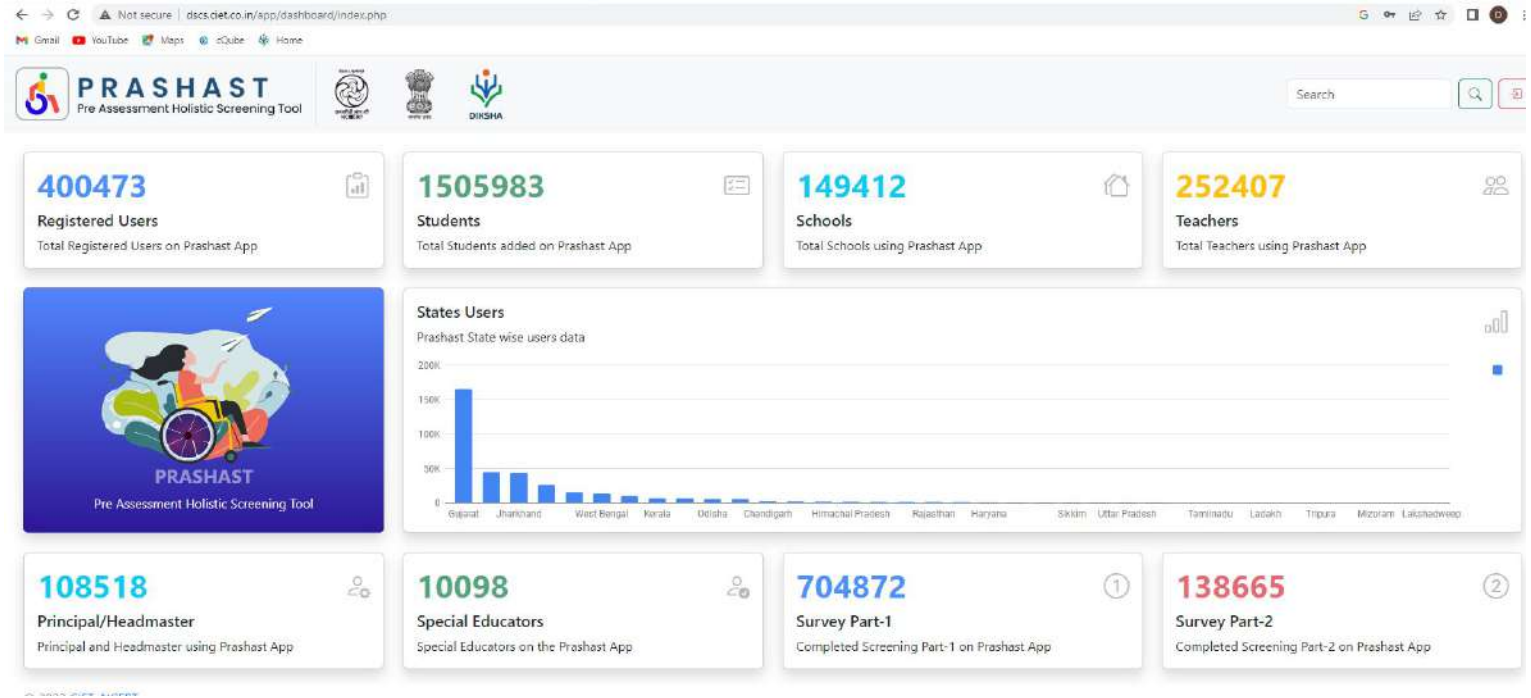
Teachers

- Creates an account and get it verified by the Principal
- Fill Part-1 of the survey.
- Save and submit the form which will automatically reach the Special Educator for further screening

Special Educators

- Creates an account and gets it verified by the Principal
- Add schools to which Special educator is associated
- Receives the analysis from the teachers, identify the probable disability among the student

PRASHAST Dashboard

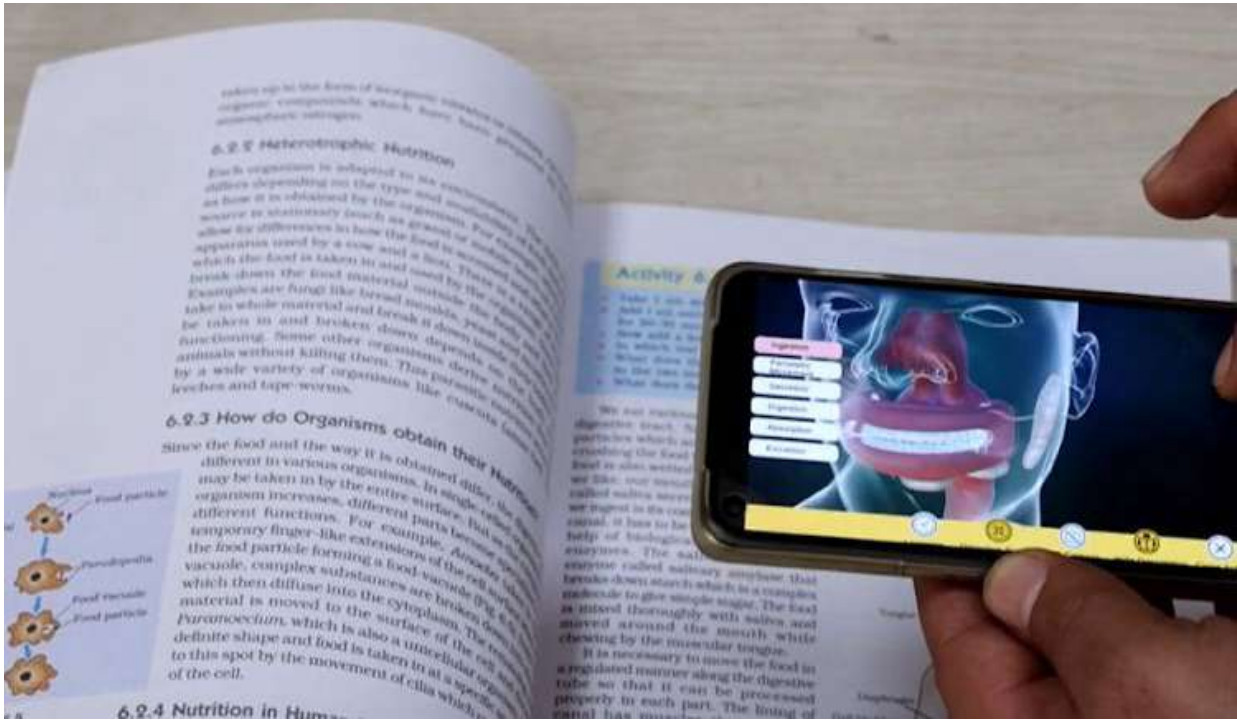


- 28 orientation programs have been organised majorly in online and few in face to face mode
- Server is being upgraded to accommodate the large synchronous users and enhance ease of end users

PM eVidya AR

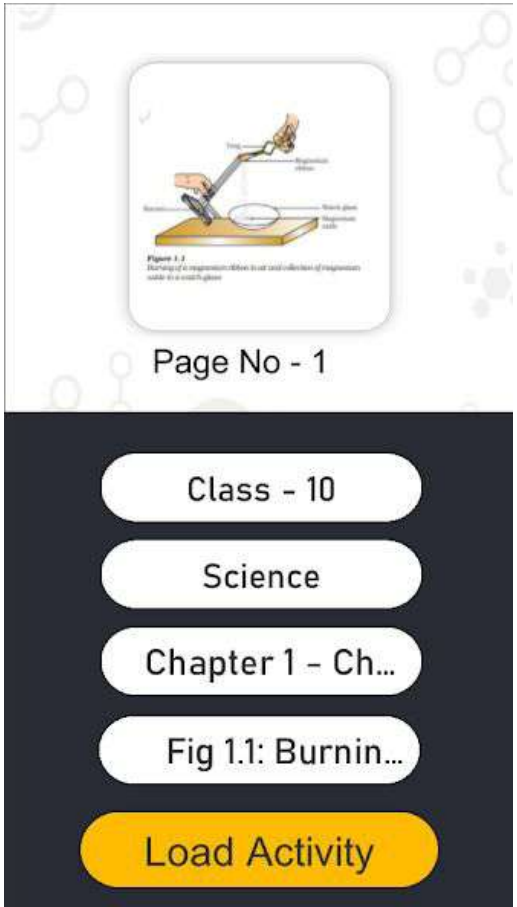
The PM e-VIDYA AR (Augmented Reality) App aims to energise the textbooks, augment child to child, teacher to teacher, child to adult interaction.

With increased interest of the students because of the augmented interaction, students will be able to learn concepts by directly experimenting rather than only through reading and memorization.



PM eVidya AR

एन सी ई आर टी
NCERT
Select Class
Select Subject
Select chapter
Select Topic


Page No - 1
Class - 10
Science
Chapter 1 - Ch...
Fig 1.1: Burnin...
Load Activity

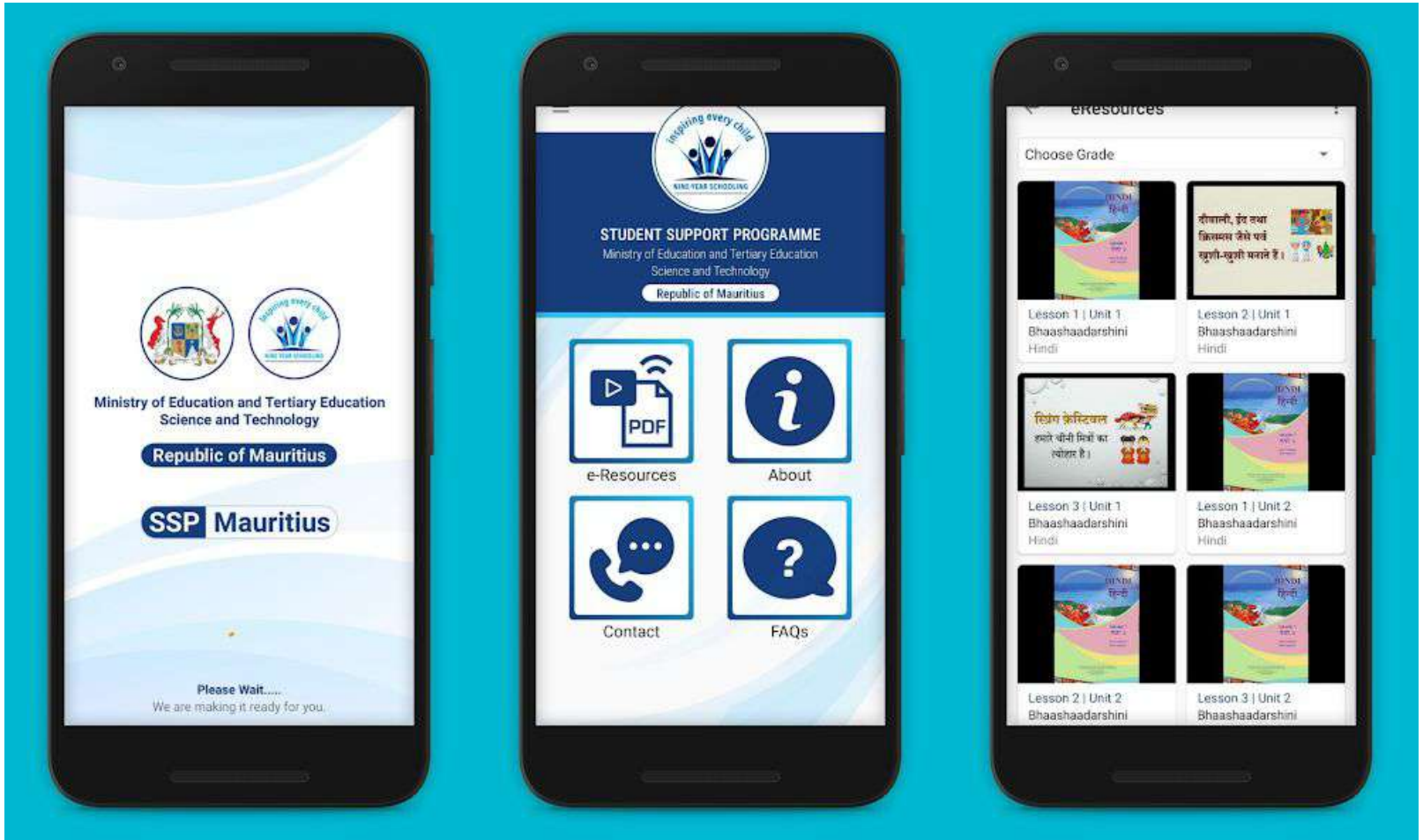
Student Support Programme

REPUBLIC OF MAURITIUS

Ministry of Education and Tertiary Education
Science and Technology

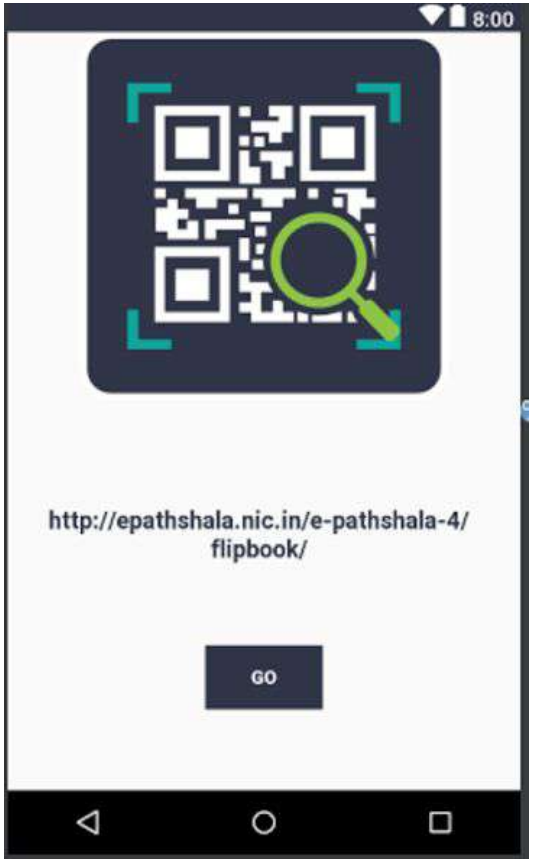
SSP Mauritus

SSP Mauritius



ePathshala Scanner

ePathshala Scanner



Thank You

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NCERT OFFICIAL

@ncertindia

@ncert | @ciet_ncert

Quotionaire

Q1. In what format the NCERT textbooks are not provided?

a. Ebooks
b. ePubs
c. Flip books
d. Kindle

Q2. NCERT digital books are not provided in.

a. Website
b. Apps
c. Kindle

Quotionaire

Q1. Can we read books on ePathshala App or just download?

a. Yes, can read online
b. Can only download
c. Read after download
d. Neither read nor download

Q2. Do we need to login or register in DIKSHA App?

a. Yes it asks to register first.
b. Login directly using mobile number
c. It has a Guest mode also.
d. None of the above.

Quotionaire

Is app beneficial in the improvement of present education system.
Yes
No.
Not found useful

What sort of statistics one can found useful for education improvement.
TSAR
PINDICS
SATPS

Quotionaire

Are students needs to be encouraged in the digital means, plus improvement in studying habits.
Yes
No
Not a concern in present education system

What if we try converting the students cheating habit into self learning habit throng Mobile apps.
Yes
No