



सत्यमेव जयते

Department of School Education & Literacy
Ministry of Education
Government of India

विद्यया ऽ मृतमश्नुते



एन सी ई आर टी
NCERT



PM SHRI SCHOOL



Digital Education Initiatives of India





CIET
Web Page

Central Institute of Educational Technology (CIET)
National Council of Educational Research and Training (NCERT)
Sri Aurobindo Marg, New Delhi -110016



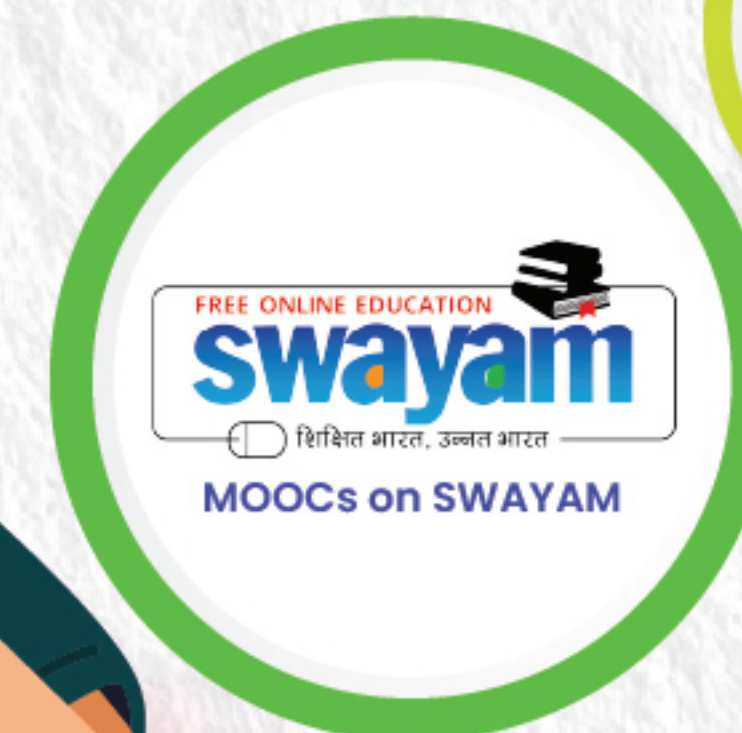
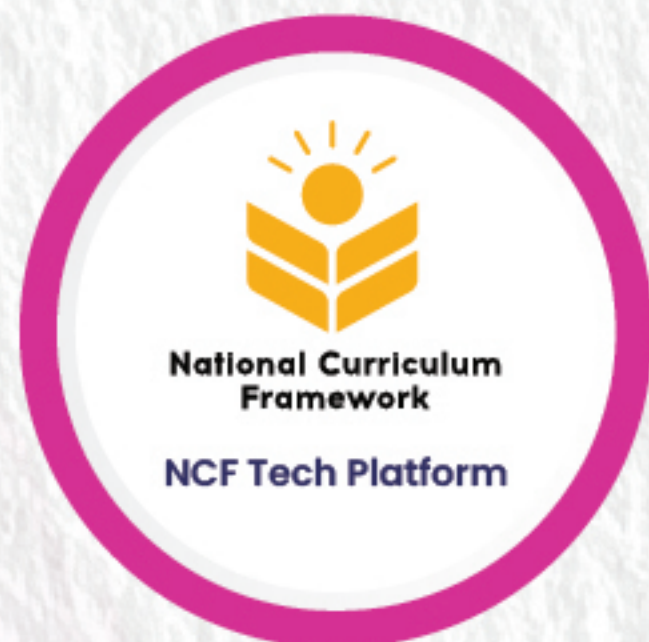
NCERT
Web Page

“ किसी भी देश का भविष्य उसकी युवा पीढ़ी पर निर्भर होता है, इसलिए ये जरूरी है कि हम अपने युवाओं के भविष्य के लिए और उनको भारत के उज्वल भविष्य के लिए तैयार करें। इसमें बड़ी भूमिका देश के एजुकेशन सिस्टम की भी होती है, इसलिए हम देश के एजुकेशन सिस्टम को 21वीं सदी की जरूरतों के मुताबिक आधुनिक बना रहे हैं। देश में नई नेशनल एजुकेशन पॉलिसी लाई गई है। इसे शिक्षा के ग्लोबल स्टैंडर्ड को ध्यान में रखकर तैयार किया गया है। नई एजुकेशन पॉलिसी (NEP-2020) आने के बाद हम भारतीय एजुकेशन सिस्टम में बड़ा बदलाव भी देख रहे हैं। PM eVIDYA और DIKSHA प्लेटफॉर्म के तहत वन नेशन वन डिजिटल एजुकेशन इंफ्रास्ट्रक्चर का निर्माण किया गया है।”



Sh. Narendra Modi

Honourable Prime Minister of India



DIKSHA
(Website)

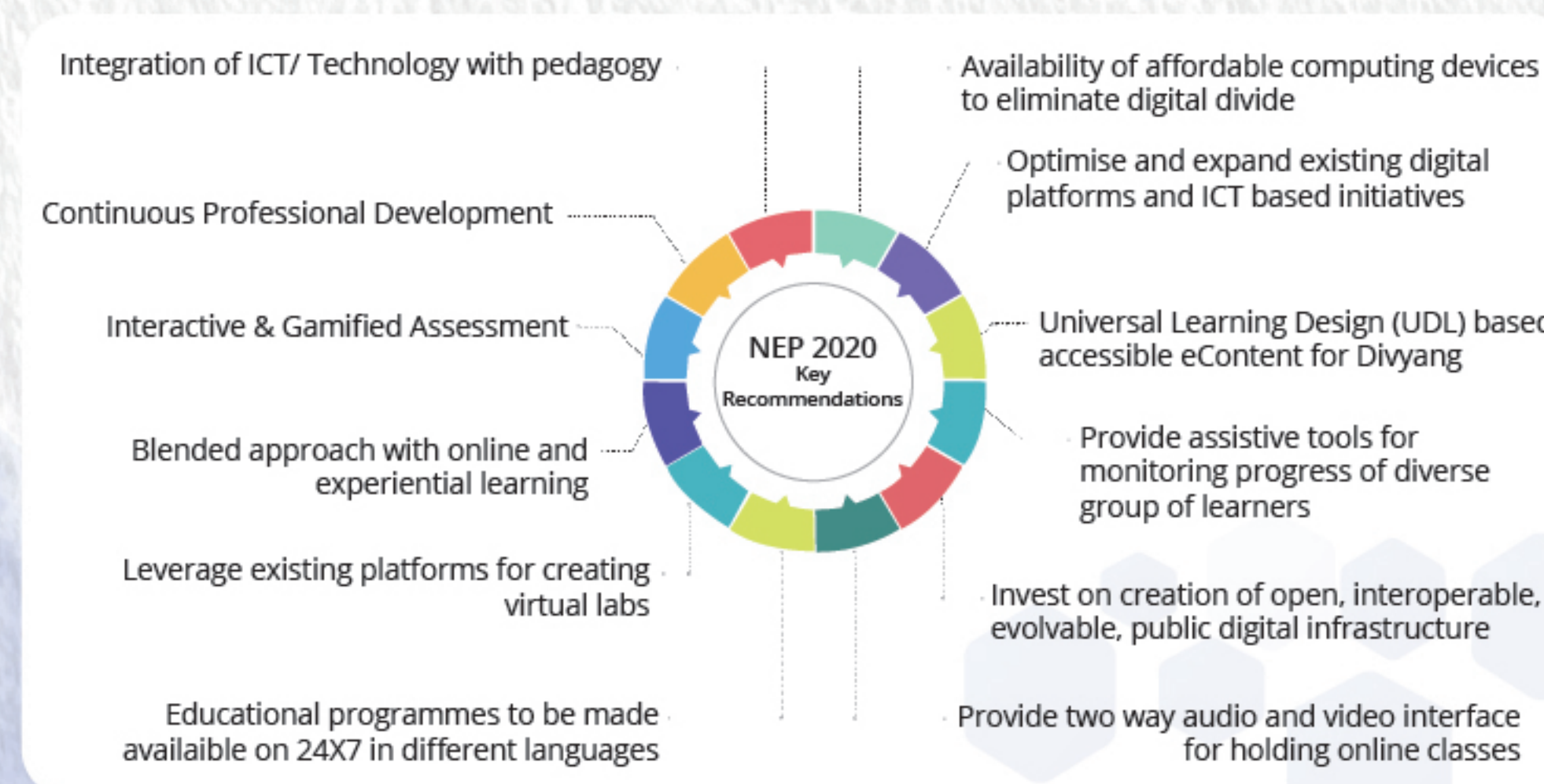


Table of Contents

Transforming Education Through Technology	6
ICT Use in India: Policy Directions	7
Digital Education in India	9
Key Initiatives	11
Future Roadmap 2026-2027	36
Glimpses	37

Technology use and its integration has become one of the basic building blocks of modern society within a short span of time, hereby making it an essential part of education. The National Education Policy (NEP) - 2020 envisions extensive use and integration of technology in teaching, learning, and assessment, to transform India into a digitally empowered society and knowledge economy.

The NEP 2020 further states that the thrust of technological interventions will be for data-based decision making, supporting professional development, overcome language barriers, support DIVYANG, enhancing educational access, and streamlining educational planning, management, and administration, including processes related to admission, attendance, assessment, etc. The recent efforts of the Government of India (GoI) seek to integrate the use of technology in almost every sphere of life. Given the emergence of digital technologies and the importance of leveraging technology for teaching-learning at all levels of school education; from foundational (Primary & Grade 1 to 2) to Secondary (Grade 9 to 12) level, teacher & adult education; the NEP-2020 recommends the following key initiatives:



Transforming Education Through Technology

This book unveils NCERT-CIET's transformative digital education initiatives and achievements under the aegis of the Ministry of Education, Government of India.

Aligned with NEP-2020 and PM Modi's vision for a digitally empowered India, NCERT's Central Institute of Educational Technology (CIET), pioneers tech-infused learning. Through PM eVIDYA and DIKSHA, it delivers multimedia magic via TV, radio, and online realms, ensuring equitable access for every child.

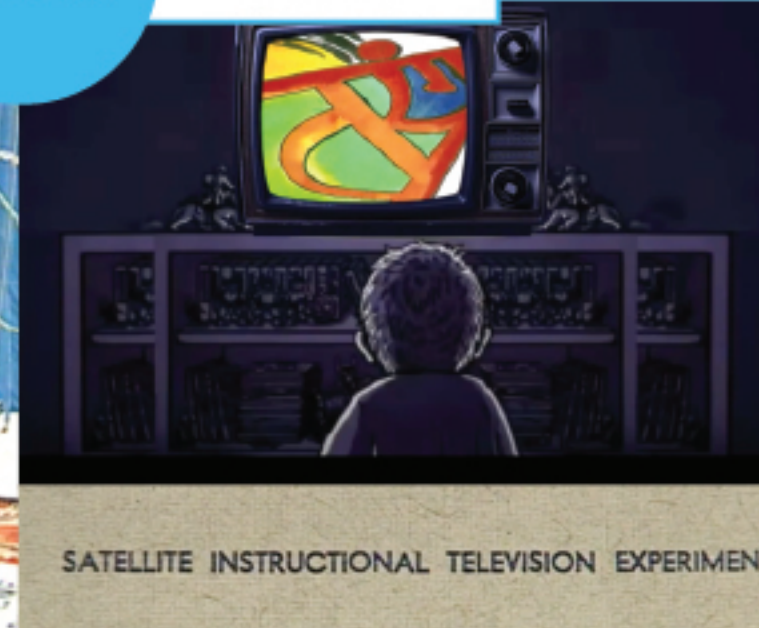
CIET, through its departments and divisions — ICT & Training, Media Production, Planning & Research, and Engineering Division— orchestrates digital content, teacher empowerment, and research-driven innovation. CIET harmonizes technology with pedagogy, crafting a knowledge-rich ecosystem where learners and educators thrive nationwide.

ICT Use in India: Policy Directions

1972 ET Scheme



1983 INSAT



1984 CLASS Project



2015

Digital India, ePathshala & ePG-Pathshala



2013 NROER & ICT Curriculum



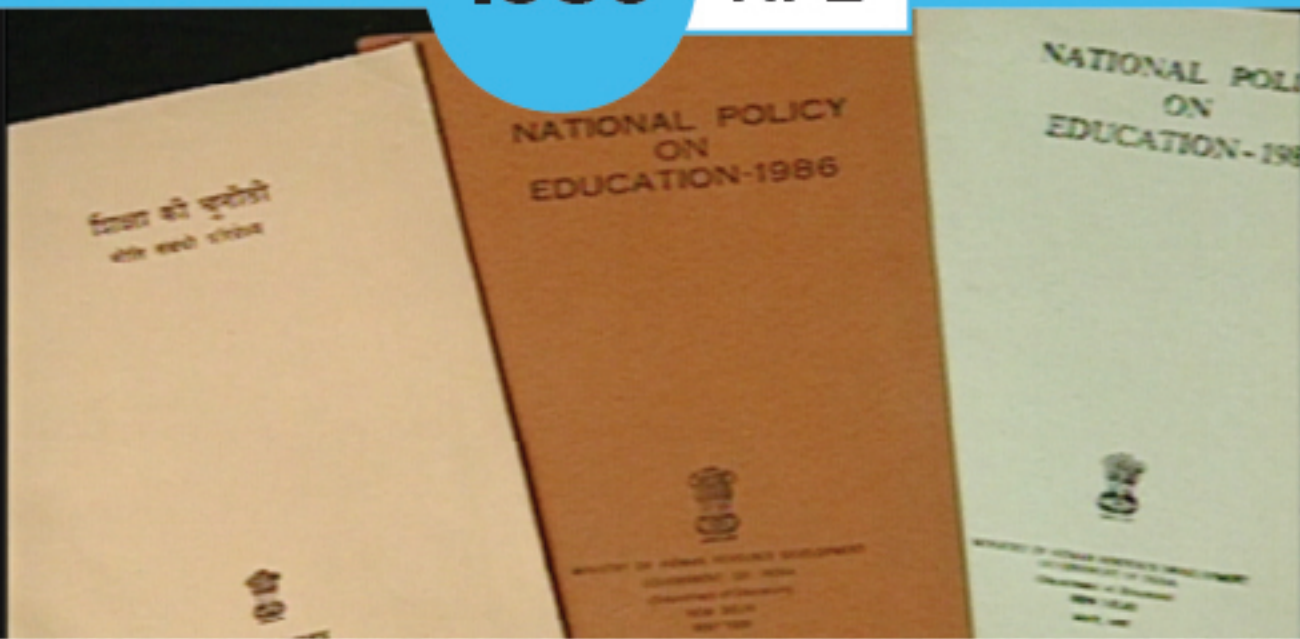
2017 SWAYAM MOOCs, SWAYAM Prabha- DTH Channels & DIKSHA



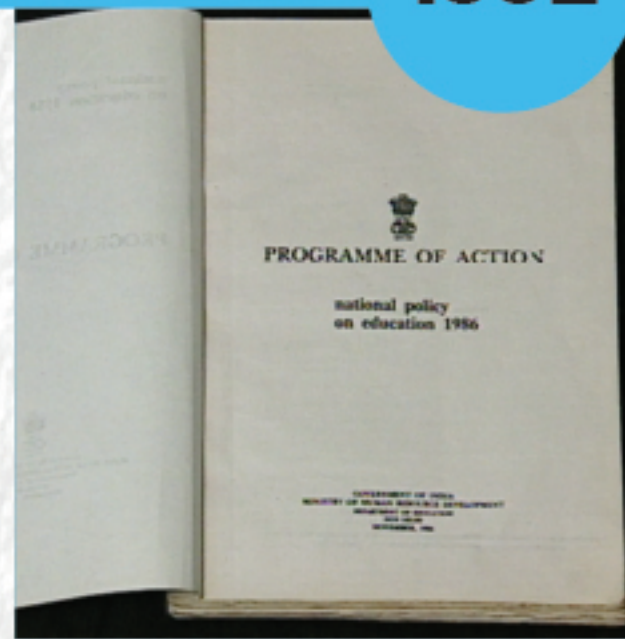
2018 Samagra Shiksha, Cyber Safety & Security Guidelines



1986 NPE



1992 NPE-POA



2004



EDUSAT, ICT @ School, CAL and NME-ICT Scheme

2012 ICT Policy



2010 Revised ICT @ School Scheme & ICT Awards



2019

Launch of NISHTHA, Guidelines for Development of eContent



NEP - 2020, NETF, PRAGYATA Guidelines, PM e-Vidya and NDEAR, VSK, NCF-FS-2022, NCF-SE-2023, Digital Textbooks- I-IX, Virtual Labs, eJaadui Pitara, COE- AI-IIT Madras 2025

2020-2026



Digital Education in India

Major Achievements

DIKSHA

- 36 States/UTs onboarded
- 7,500+ Energised Textbooks (ETBs)
- 3.68 lakh+ e-content resources
- 600+ live e-courses
- 567.73 crore learning sessions
- 100+ CPD courses for teachers by NCERT in FY 2025-2026
- 1002.98+ crore page hits
- Key verticals: FLN-NIPUN Bharat, Bhasha Sangam, e-Jaadui Pitara, Education for all, Virtual Labs, Equitable and Inclusive Education for all.



PM eVidya

Television

- 200 DTH TV channels operating 24X7, also simulcast on YouTube channels
- 1 lakh+ curriculum-based videos developed for school and teacher education
- Content available in 45 Languages including Indian Sign Language (ISL)
- Over 12,250+ live shows broadcast under PM eVidya



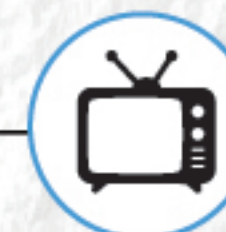
Radio

- 4,900+ curriculum-based radio programmes (Classes 1-12)
- Broadcast on 395 radio stations (3 GyanVani FM, 260 Community Radio, 132 All India Radio, 1 iRadio)
- 8,800+ live programmes broadcast on iRadio
- 6107 total chapters and 402 Audio books developed
- 82 books available in DAISY format



NCERT's 17 PMeVidya DTH TV Channels

- 1 Channel each for grades 1 to 12 (Channel no. 1-12)
- 1 Channel for Vocational Education (Channel no. 13)
- 1 Channel for ULLAS (Channel no.14)
- 1 Channel for ISL (Channel no. 31)
- 1 Channel for Kala Utsav (Channel no. 33)
- 1 Channel for Bal Vatika (Channel no. 35)



RVSK/ APAAR

- 36 States/UTs and 3 CABs Operational
- Attendance integrated to RVSK with 34 States/UTs
- Assessment in 2 State/UTs, Accreditation and Adaptive
- Learning integrated from 1 State/UT
- 16.05 Cr. APAAR IDs generated for school enrolled learners.



PRASHAST

- 5,21,673 schools have been registered
- 2,98,433 head teachers, 6,97,189 teachers, and 20,118 special educators have been onboarded
- 1,44,00,885 students have been registered
- 1,24,64,866 students screened in Part 1
- 1,14,82,769 cases auto-closed (no further intervention required)
- 7,95,742 students screened in Part 2
- 2,06,000 students identified with suspected disabilities
- Andaman & Nicobar Islands became the first UT to achieve 100% PRA-SHAST onboarding (20 March 2026)



Virtual Labs

- 750 Generic Virtual Labs and 5D Skilling Virtual Labs have been uploaded on DIKSHA.
- 522 master trainers trained (2025-26) in face to face mode
- 234 live sessions conducted
- 11,36,000 YouTube views on live sessions
- 32,053 certificates issued



Capacity Building for Digital Competency

- 400+ live sessions on ET/ICT
- 83 online training series and around 16,05,845 beneficiaries
- Online CPD courses offered and 9,12,944 beneficiaries
- Yearly 1500+ beneficiaries through face-to-face training on Leveraging Digital technology
- Development of resources like handbooks, training packages, and online courses etc.



Kitaab Ek Padhe Anek

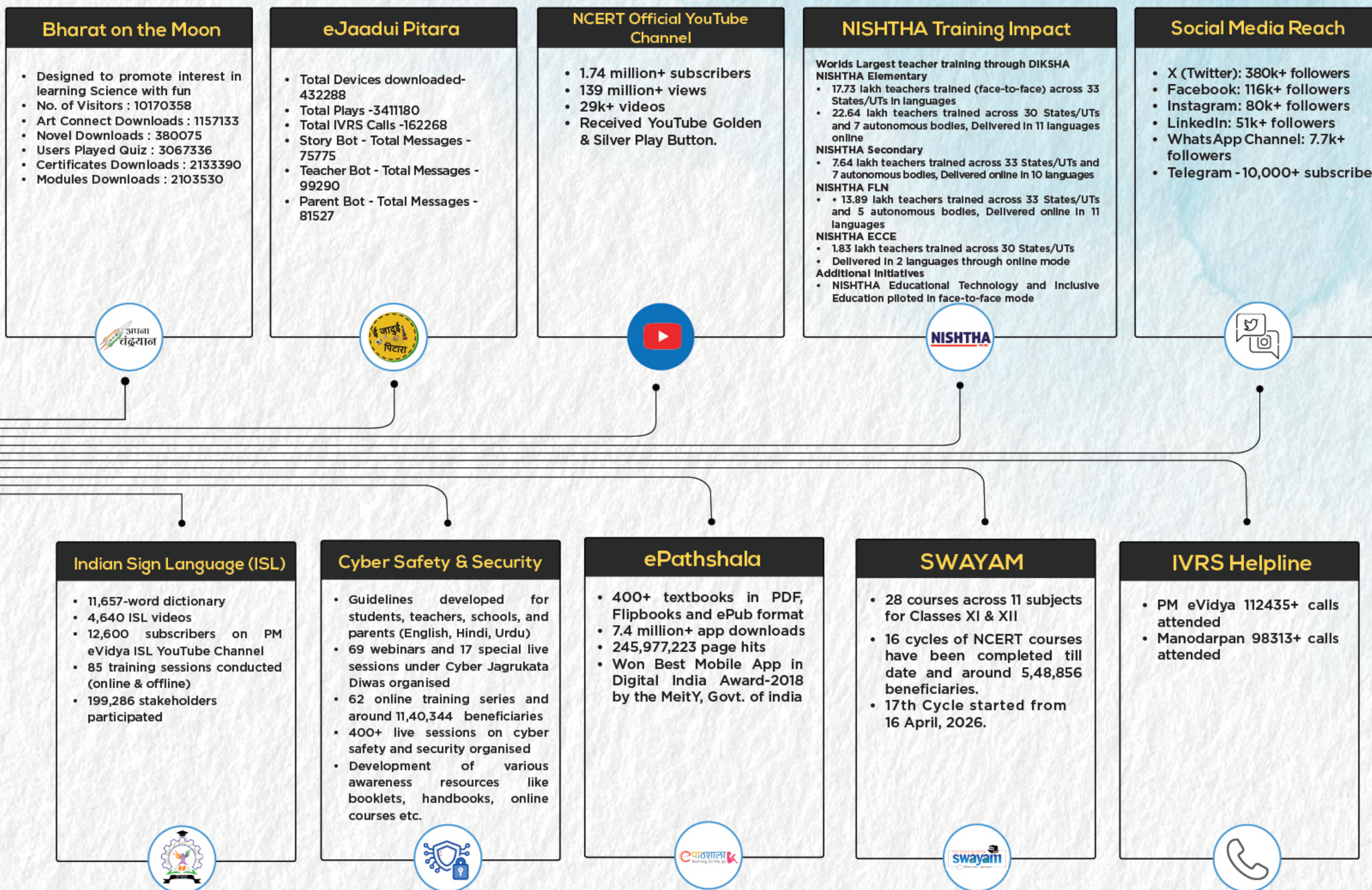
The KEPA textbooks were shared in an inclusive classroom having children with deafness, blindness, and children without disabilities, in the presence of a teacher. It was experienced that while viewing the QR-code-enabled ISL videos, deaf students were observed to spontaneously repeat the signs without instruction, and students with blindness listened attentively to the audio content. So far classes 1 & 2 textbooks have been digitised under the principles of Universal Design for Learning(UDL)



Teaching Learning intervention for inclusive Classroom

- Every 13th session is a generic session.
- Promotes Universal Design for Learning (UDL) based teaching-learning practices.
- Content-based and practical approaches to create equitable and inclusive classrooms.
- Each session includes modified and regular homework.
- Sessions are bilingual (English and Hindi)
- Practice insights and doable strategies for immediate classroom implementation.







PM eVidya

PM eVidya is a comprehensive initiative under the Department of School Education and Literacy, Ministry of Education, Government of India. It was introduced as part of the Atmanirbhar Bharat Abhiyan to unify all digital, online, and on-air education efforts. PM eVidya enables multi-modal access to education through digital platforms, online resources, and on-air channels, with the aim of benefiting more than 24 crore school-going children and one crore school teachers across the country in a resilient and coherent manner.



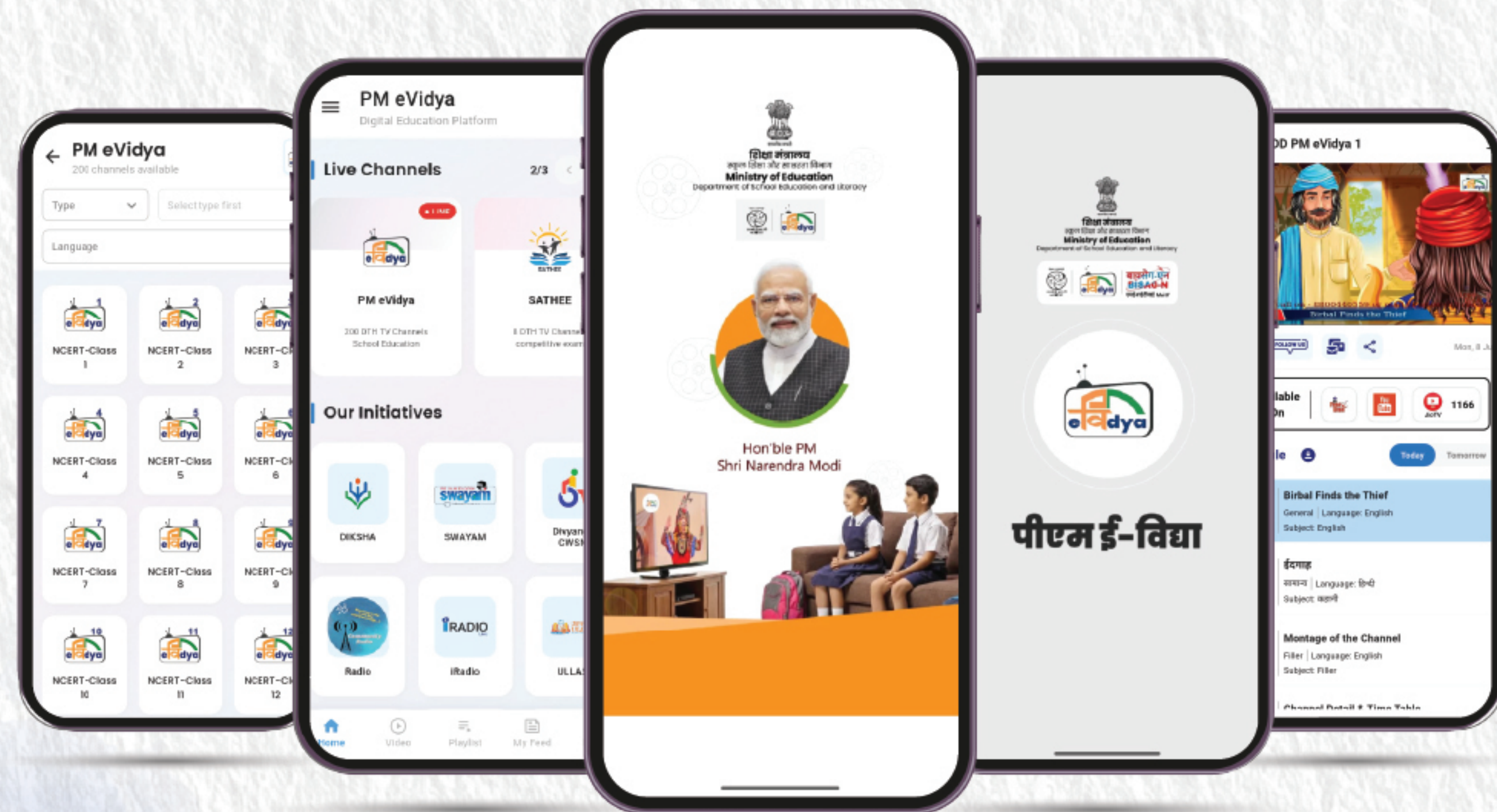
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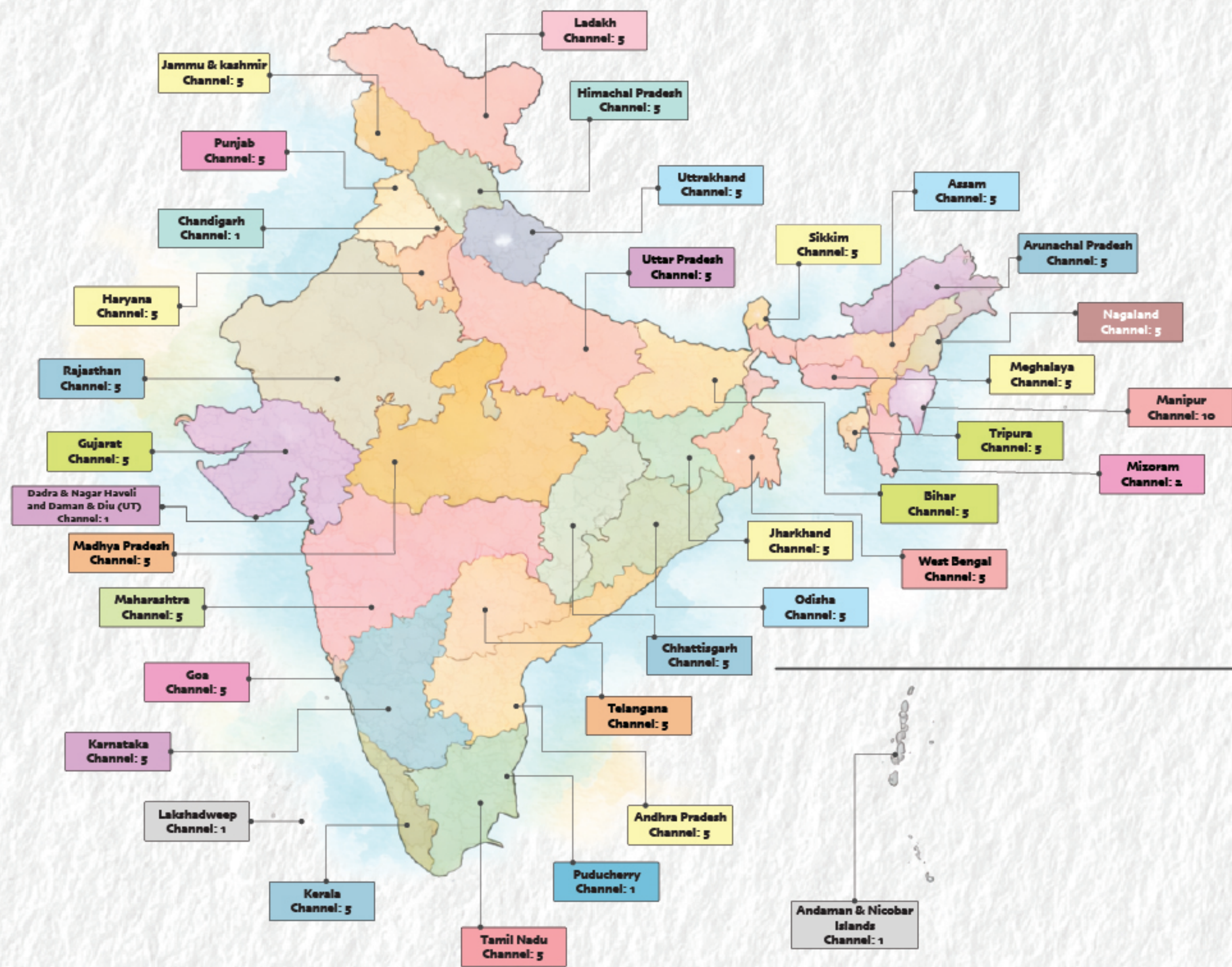
Android

iOS

Mobile App



200 DTH TV Channels

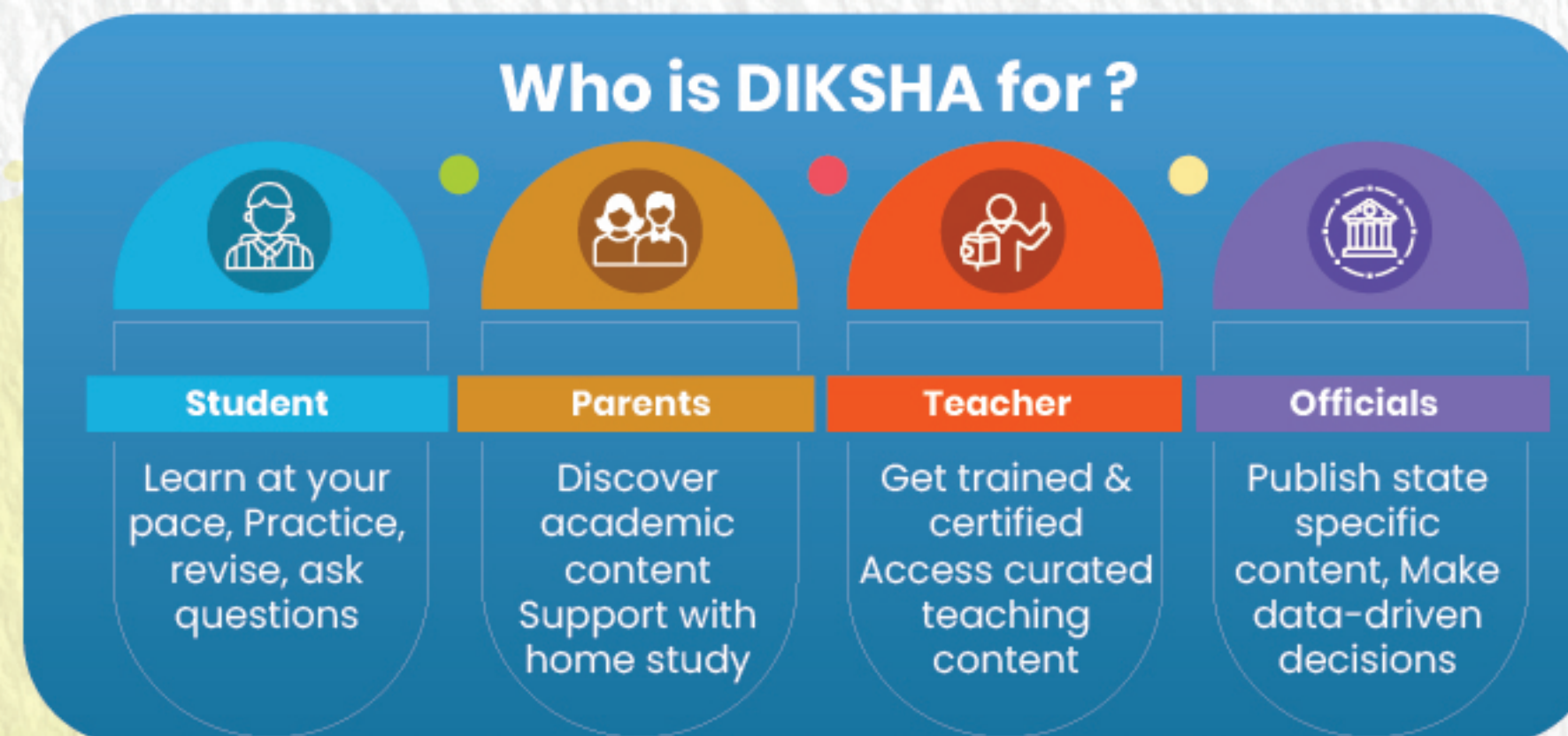


Central Autonomous bodies	No of Channels Allotted
NCERT	17
NIMI, Ministry of Skill Development and Entrepreneurship	6
National Institute of Open Schooling (NIOS)	4
Central Board of Secondary Education (CBSE)	1
Kendriya Vidyalaya Sangathan (KVS)	1
Navodaya Vidyalaya Samiti (NVS)	1
EMRS - Ministry of Tribal Affairs (MoTA)	1
Central Institute of Classical Tamil (CICT)	1

Allotment details of 200 DTH Channels

DIKSHA: One Nation, One Digital Platform

DIKSHA is a flagship digital platform led by the National Council of Educational Research and Training under the Department of School Education and Literacy, Ministry of Education, Govt. of India. Launched in 2017, it provides seamless access to curriculum-aligned e-content, teacher training, and assessments across India. Supporting 36 Indian languages, DIKSHA offers a flexible and inclusive ecosystem for students, teachers, and administrators. As part of PM eVidya, it advances the vision of “One Nation, One Digital Platform,” fostering collaboration, scalability, and innovation while bridging digital divides and enhancing learning outcomes across the country.





AI-Enabled Enhancements for DIKSHA

Making learning multilingual, personalized, and accessible for all



Multilingual Content
Textbooks & courses
in Indian languages



Audio & Video Translation
Local language voice,
subtitles



Voice-Based Help
Ask questions using
voice ("Hey DIKSHA")



Smart Learning Support
Guided help to understand
concepts



Personalized Recommendations
Courses suggested
based on progress



Smart Search
Relevant content
based on preferences

Content tailored for
different classes, subjects
and learning needs

Best learning
resources

Virtual labs, quizzes
& activities for the better
understanding

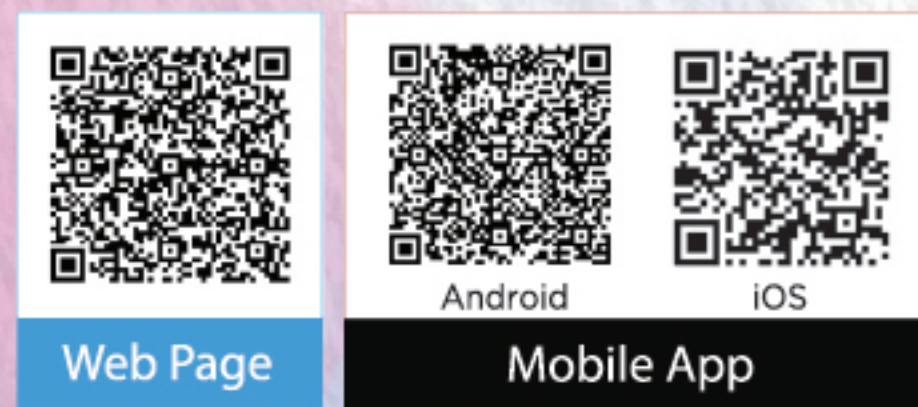
Learn in your
preferred language

Developed by experts
and aligned with NEP-2020
and the National
Curriculum Frameworks.



ePathshala

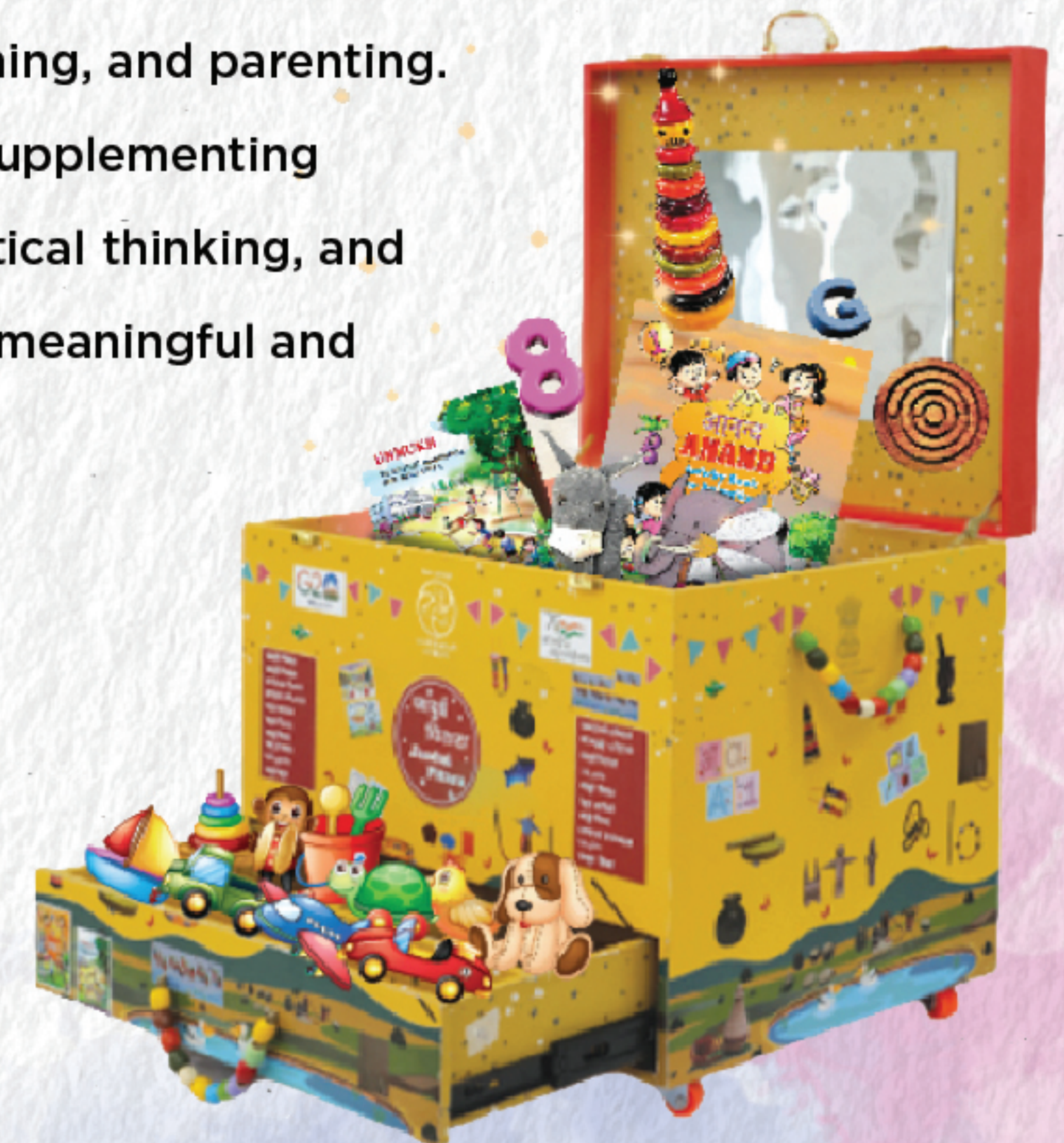
e-Pathshala, an initiative by NCERT under the aegis of the Department of School Education and Literacy, Ministry of Education, Government of India of India brings learning to life by making textbooks and digital resources easily accessible to all. Designed for students, teachers, and parents, it offers e-books, videos, and more across mobile devices and computers anytime, anywhere. With content available in Hindi and English, it helps bridge linguistic and geographical gaps. Since its launch in 2015, the platform has witnessed enthusiastic engagement, thousands of visits, and strong app ratings across platforms. As more states contribute content, e-Pathshala continues to grow as a reliable and inclusive digital learning companion for millions across India.





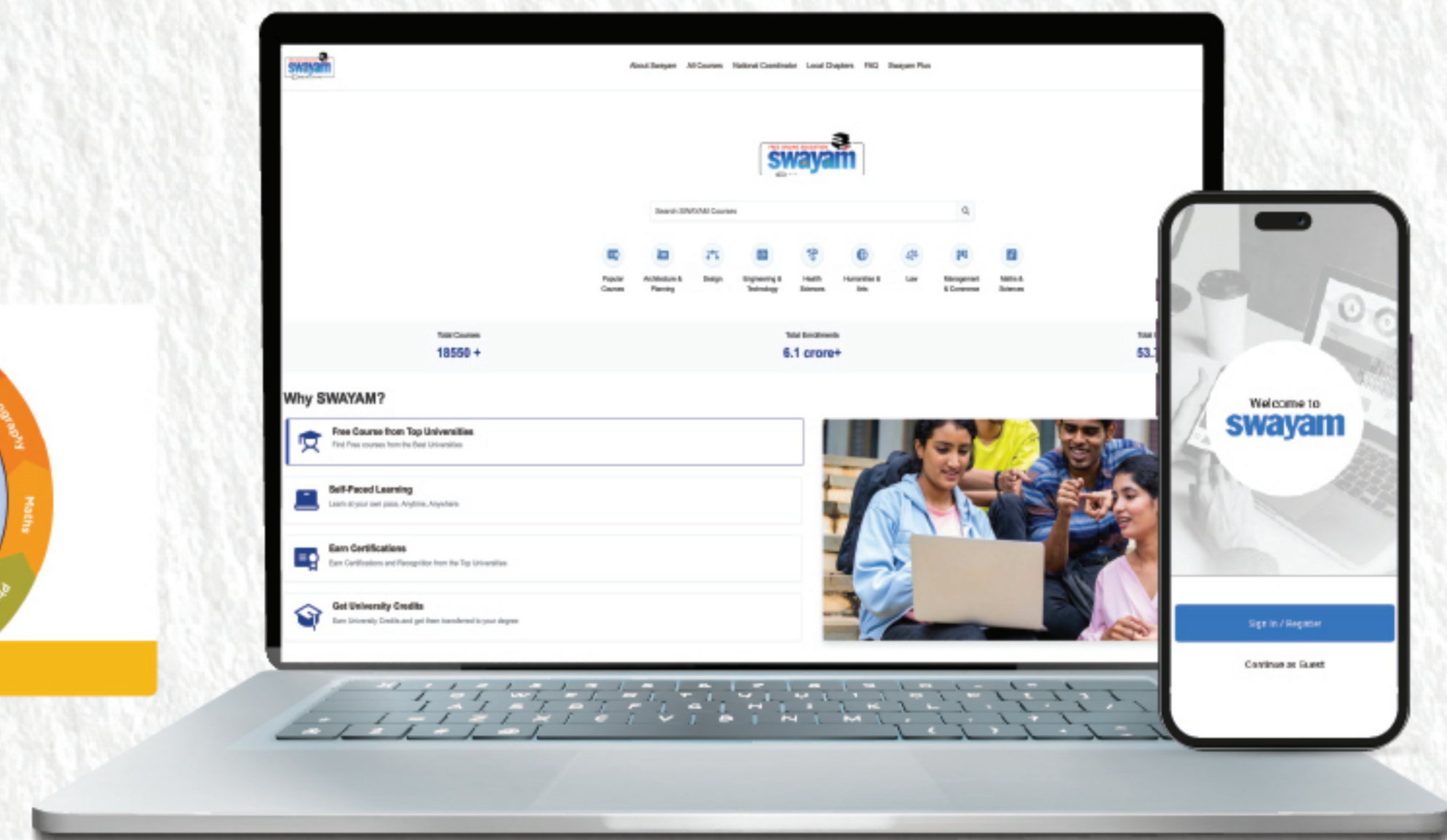
e-Jaadui Pitara

The e-Jaadui Pitara which is the digital version of Jaadui Pitara is aligned with NEP 2020 and NCF-FS 2022, promotes holistic and experiential learning based on the Panchakosha approach. Supporting NIPUN Bharat, it strengthens foundational literacy and numeracy through play-based methods. Available in digital formats like mobile apps, IVRS, and social media, it ensures equitable access to multilingual content across India. Its three AI bots—Katha Sakhi, Teacher Tara, and Parent Tara—support storytelling, teaching, and parenting. By bridging geographical and technological gaps, it democratizes education. Supplementing physical Jaadui Pitara, integrating policy into practice, it nurtures creativity, critical thinking, and inclusive development, empowering learners, teachers, and families to achieve meaningful and lifelong learning.



SWAYAM

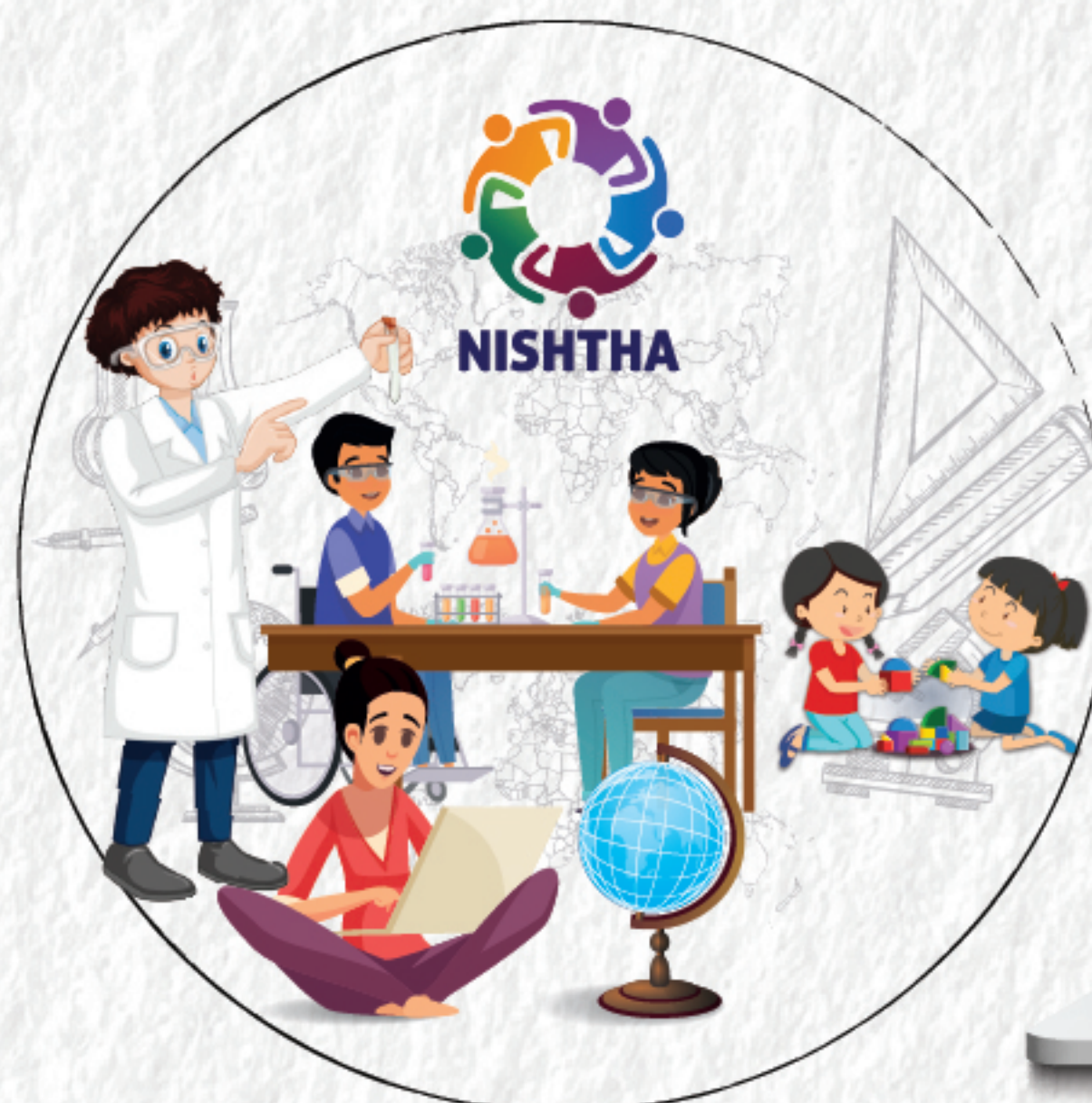
SWAYAM is a national online learning platform under the aegis of the Department of School Education and Literacy, Ministry of Education, Government of India that opens the doors of quality education to learners across India. Led by NCERT for school education, it offers engaging courses for Classes IX to XII, accessible on both web and mobile. Designed to bridge the digital divide, SWAYAM supports self-paced learning through expert-created content. Each course follows a four-part approach-video lectures, downloadable reading material, self-assessment quizzes, and interactive discussion forums. Enriched with multimedia and modern teaching methods, SWAYAM creates a flexible and inclusive learning space, empowering students to build knowledge, confidence, and skills for a fast-changing world.



NISHTHA
ONLINE

NISHTHA

NISHTHA is a large-scale teacher training programme aligned with the National Education Policy 2020. It focuses on continuous professional development through modern pedagogies, including foundational literacy, competency-based learning, and innovative assessments. Implemented collaboratively by NCERT with States and UTs, NISHTHA leverages digital platforms for scalable training through DISKHA Platform. By strengthening teacher capacities and leadership skills, it enhances classroom practices and ensures quality education delivery across diverse educational settings in India. CIET-NCERT provides technical support.



Virtual Labs

The Virtual Labs initiative by the NCERT-CIET under the aegis of the Ministry of Education, Government of India is a transformative digital programme that brings hands-on experimentation to learners across disciplines. By simulating laboratory environments on screen, it enables students to explore, observe, and experiment in a safe, interactive, and cost-effective manner-overcoming geographical and infrastructural barriers.

Aligned with the National Curriculum Frameworks and the vision of the National Education Policy 2020, it supports subjects ranging from science and mathematics to social sciences and languages. Designed around inquiry-based learning, Virtual Labs foster curiosity, critical thinking, and deeper conceptual understanding for every learner.



Web Page





Manodarpan

MANODARPAN, an initiative by the Ministry of Education, Government of India, is dedicated to nurturing the mental well-being of students, teachers, and families during and beyond the COVID-19 pandemic. Through a national toll-free helpline, expert counselling, engaging webinars, and 'Sahyog' daily live interactive sessions for students of Classes VI-XII on PM eVidya, it creates a supportive and reassuring space for learners. By promoting resilience, positivity, and essential life skills, MANODARPAN bridges the gap between home and school, fostering holistic growth and emotional strength in young minds. CIET-NCERT provides technical support.





SWACHH EVAM HARIT VIDYALAYA RATING (SHVR)

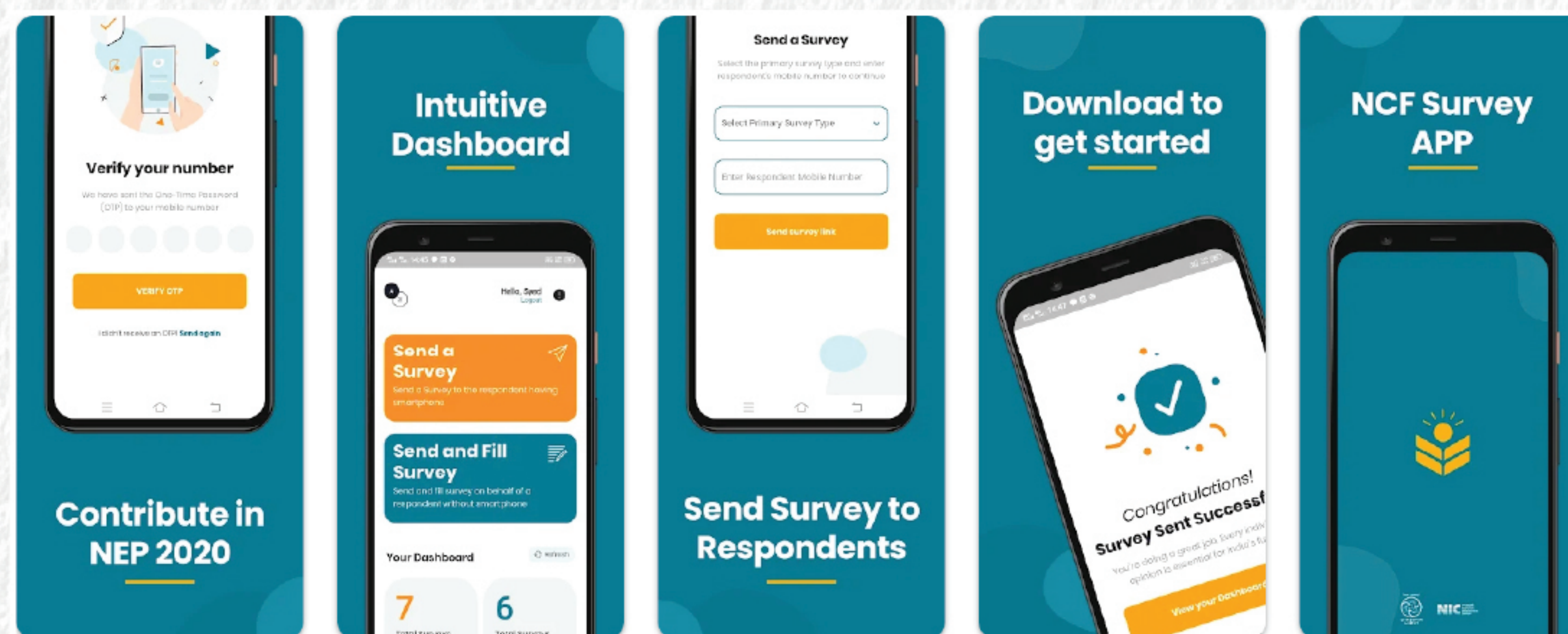
Swachh Evam Harit Vidyalaya Rating (SHVR) 2025-26, led by the Department of School Education & Literacy, Ministry of Education, Government of India is a nationwide initiative to transform schools into models of cleanliness, sustainability, and climate responsibility. SHVR promotes clean, eco-friendly, and child-friendly learning spaces that ensure health, equity, and inclusion while actively engaging students, teachers, and communities. It emphasizes functional WASH systems with strong operation and maintenance, and integrates water, sanitation, hygiene, and environmental awareness into everyday learning, aligned with NEP 2020. By encouraging schools to excel in clean and green benchmarks, SHVR inspires institutions to become role models, fostering responsible behaviour and sustainable practices among young learners.





NCF Tech Platform: Enabling Collaborative Curriculum Development

The NCF Tech Platform is a comprehensive, paperless digital system developed by NCERT under the Ministry of Education, Government of India under NEP-2020 to support the creation of NCFFS, NCFSE, NCFTE, and NCFAE. It enables nationwide collaboration through e-templates, surveys, and consultations at district, state, and national levels. Integrating stakeholder feedback via MyGov and position papers, the platform ensures transparency, inclusivity, multilingual access, and efficient coordination for timely development and implementation of the national curriculum frameworks, syllabus, textbooks and other teaching learning materials. CIET-NCERT provides technical support.



Translation of NCERT Resources

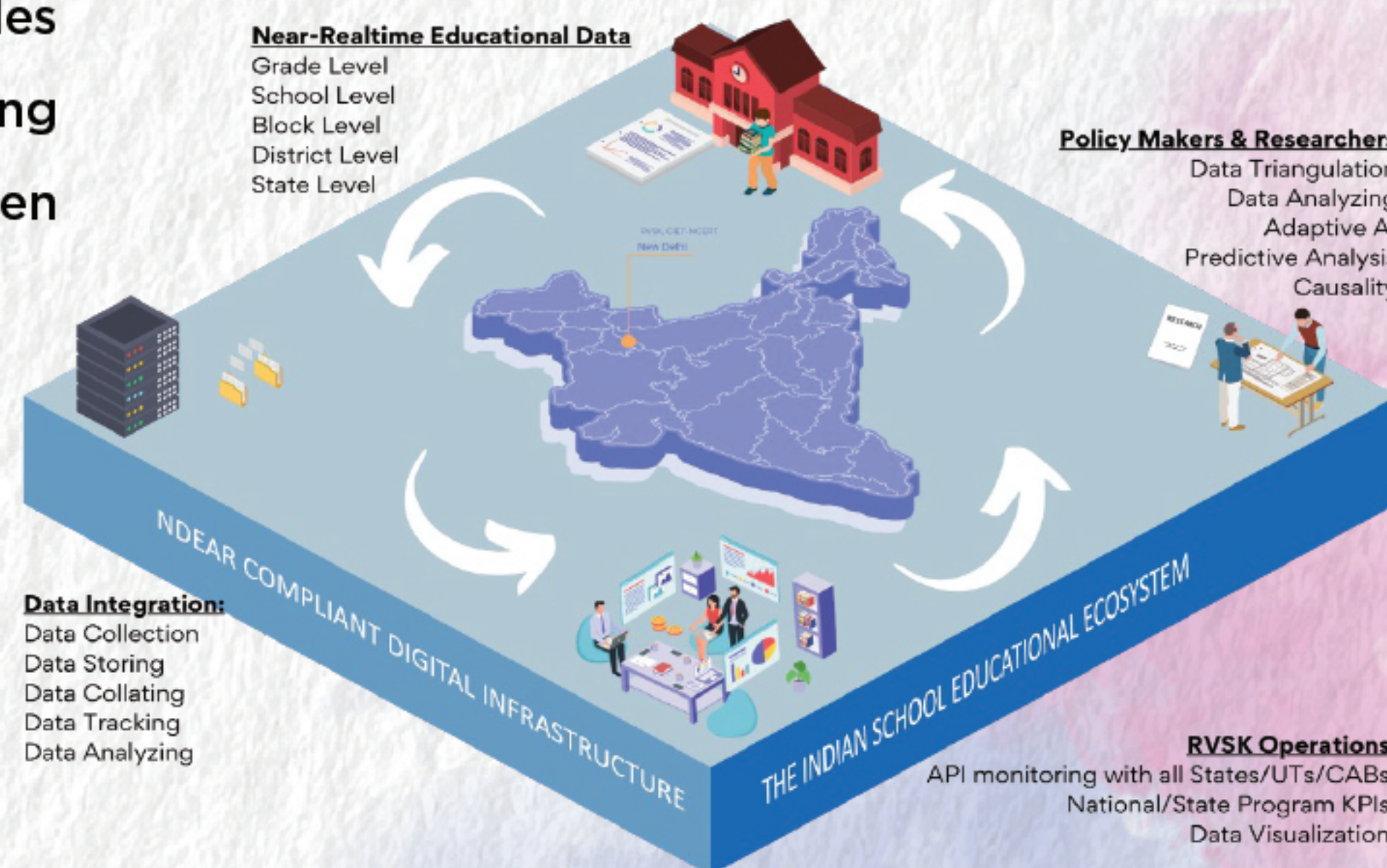
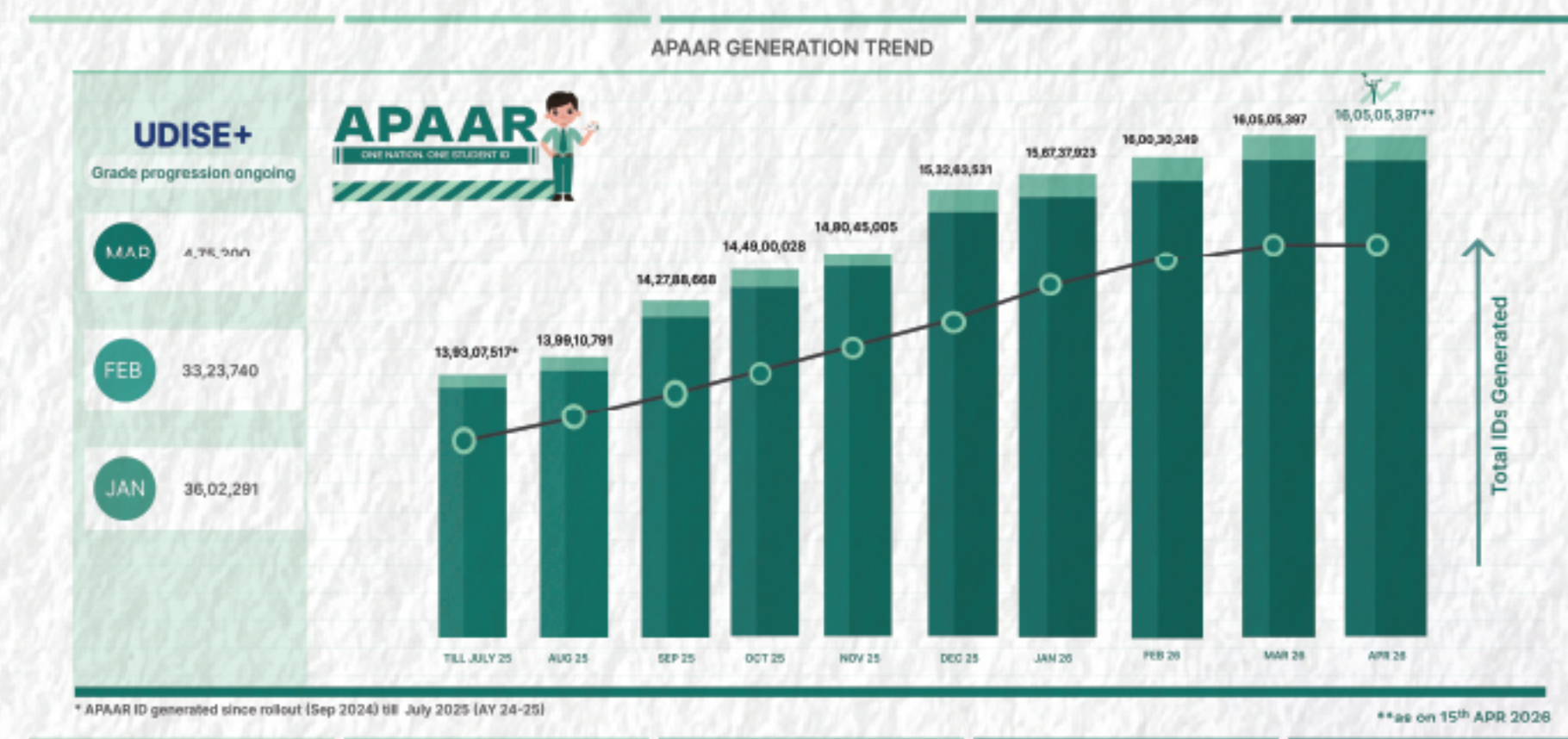
NCERT, in collaboration with CBSE under the aegis of the Department of School Education and Literacy, Ministry of Education, Government of India is advancing multilingual education in line with NEP-2020 by translating textbooks (Classes IV–XII), supplementary materials, and policy documents into 22 Scheduled Languages. Emphasizing mother tongue-based learning and the three-language formula, this initiative ensures inclusive, high-quality education with local relevance. Translated content is disseminated through multimodal platforms. Textbooks of classes 1,2,3 and 6 are available in 22 Scheduled Languages, while Textbooks of classes 4, 5, 7, 8 and 9 are translated using AI/ML and are in the process of final vitting. The translated books are hosted on NCERT and DIKSHA portals.





RVSK & APAAR ID

Under the aegis of the Department of School Education and Literacy, Ministry of Education, Government of India, RVSK is a federated educational data analytics center designed to improve student learning and governance through data-driven decisions adopting 6'A approach (Attendance, Assessment, Adaptive Learning, Accreditation, Administration and Artificial Intelligence). It acts as a "force multiplier" for monitoring national education programs. Complementing this, APAAR provides a 12-digit unique academic identity for students under the "One Nation, One Student ID" initiative. It simplifies transitions across institutions, enables secure storage of credentials in DigiLocker, and facilitates lifelong tracking of academic progress to foster a responsive, data-driven educational ecosystem.





Bharat on the Moon

Under the aegis of the Department of School Education and Literacy, Ministry of Education, Government of India, Apna Chandrayaan, with its portal launched on 17th October 2023, draws inspiration from the success of Chandrayaan-3. It promotes curiosity and innovation through activity-based STEAM learning for students. With engaging activities, it encourages exploration, creativity, and critical thinking. Celebrating India's achievements in space science, the initiative connects young minds with real-world scientific advancements, nurturing future innovators and fostering imagination aligned with the vision of a



Web Page



Online Webinars and Continuous Professional Development (CPD) Courses

The main objective of these webinars and Continuous Professional Development (CPD) courses on Educational Technology (ET), Information and Communication Technology (ICT), and related domains is to strengthen teachers' capacity for the effective and ethical integration of technology into teaching and learning process. Aligned with the vision of the National Education Policy (NEP) 2020 and spearheaded by CIET-NCERT, these initiatives foster digital competence, inclusive pedagogy, and learner-centred approaches. Delivered through platforms such as DIKSHA, these courses provide flexible, accessible, and practice-oriented professional development courses for teachers and help enhance quality of learning teaching process and contribute to a future-ready education ecosystem. Till date about 16,05,845 teachers and teacher educators have been oriented on various themes related to ET/ICT etc.



Web Page



Cyber Safety & Security

Safety in Cyberspace promotes awareness of safe and responsible digital practices. As technology becomes integral to learning, the initiative addresses online risks, security, and well-being. It emphasizes ethical behaviour, empathy, and informed decision-making in digital spaces. The Led by the NCERT's Central Institute of Educational Technology (CIET) under the aegis of the Department of School Education and Literacy, Ministry of Education, Government of India, it provides expert guidance and practical resources for students, teachers, and parents. By fostering digital responsibility, it helps build a secure, balanced, and resilient digital ecosystem for all.





Kitaab Ek, Padhe Anek (KEPA)

“Kitab Ek, Padhe Anek” (KEPA), aligned with the vision of NEP 2020, aims to ensure inclusive and equitable access to quality education through technology-enabled learning. Based on Universal Design for Learning (UDL), the initiative develops energized, accessible Physical textbooks for all learners, including Divyang students. With printed textbooks the features like print-to-audio, ISL-supported QR codes, picture descriptions, and adaptive content, KEPA promotes barrier-free learning. Supported by user-friendly handheld devices, it enables every child to engage with the same content, fostering participation, flexibility, and a more inclusive, unified learning environment across classrooms. The textbooks of classes 1 and 2 are already embedded with this features under the aegis of the Department of School Education and Literacy, Ministry of Education, Government of India.



Youtube





PRASHAST

PRASHAST (Pre-Assessment Holistic Screening Tool) is a digital screening tool developed by the National Council of Educational Research and Training under the aegis of the Department of School Education and Literacy, Ministry of Education, Government of India to support early screening of disabilities in schools. Aligned with the National Education Policy 2020, it promotes inclusive education, early support, teacher empowerment, and holistic development, ensuring equitable and accessible learning opportunities for all students.

One of its kind statistically standardized screening tool for all 21 disabilities recognized in the Right of Persons with Disabilities (RPwD) Act 2016. Divided into two parts, PRASHAST, engages teachers and special educators in the process of screening of disabilities.



Web Page



Android

Mobile App



Primers in Indian Languages

Led by the National Council of Educational Research and Training, under the aegis of the Department of School Education and Literacy, Ministry of Education, Government of India the Primers initiative aims to build strong foundational literacy among early learners through multilingual and inclusive education. About 121 primers across Bharatiya languages have been released in phased implementation, supporting reading and writing skills in mother tongues. The initiative promotes Multilingualism cultural diversity, creativity, and cognitive development while ensuring equitable access to quality learning resources. It aligns with national goals to enhance early education and empower learners across diverse linguistic regions of India as envisioned in the NEP-2020.





National Educational eContent Competition (NEeC)

- The Government of India, in the Union Budget 2022-23, envisioned a competitive mechanism for the development of high-quality educational e-content, leading to the launch of the initiative.
- More than a competition, this is a catalyst for change—fueling a movement dedicated to crafting excellent educational eContent for the children.
- Stands as the nation's only competition that recognises a wide variety of educational eContent in Audio, Video, and New Media formats.
- Held annually to expand the community of prosumers and incentivise the development of high-quality eContent (aligned with the vision of NEP-2020) for school education under the aegis of the department of the school education and literacy, Ministry of Education, Government of India

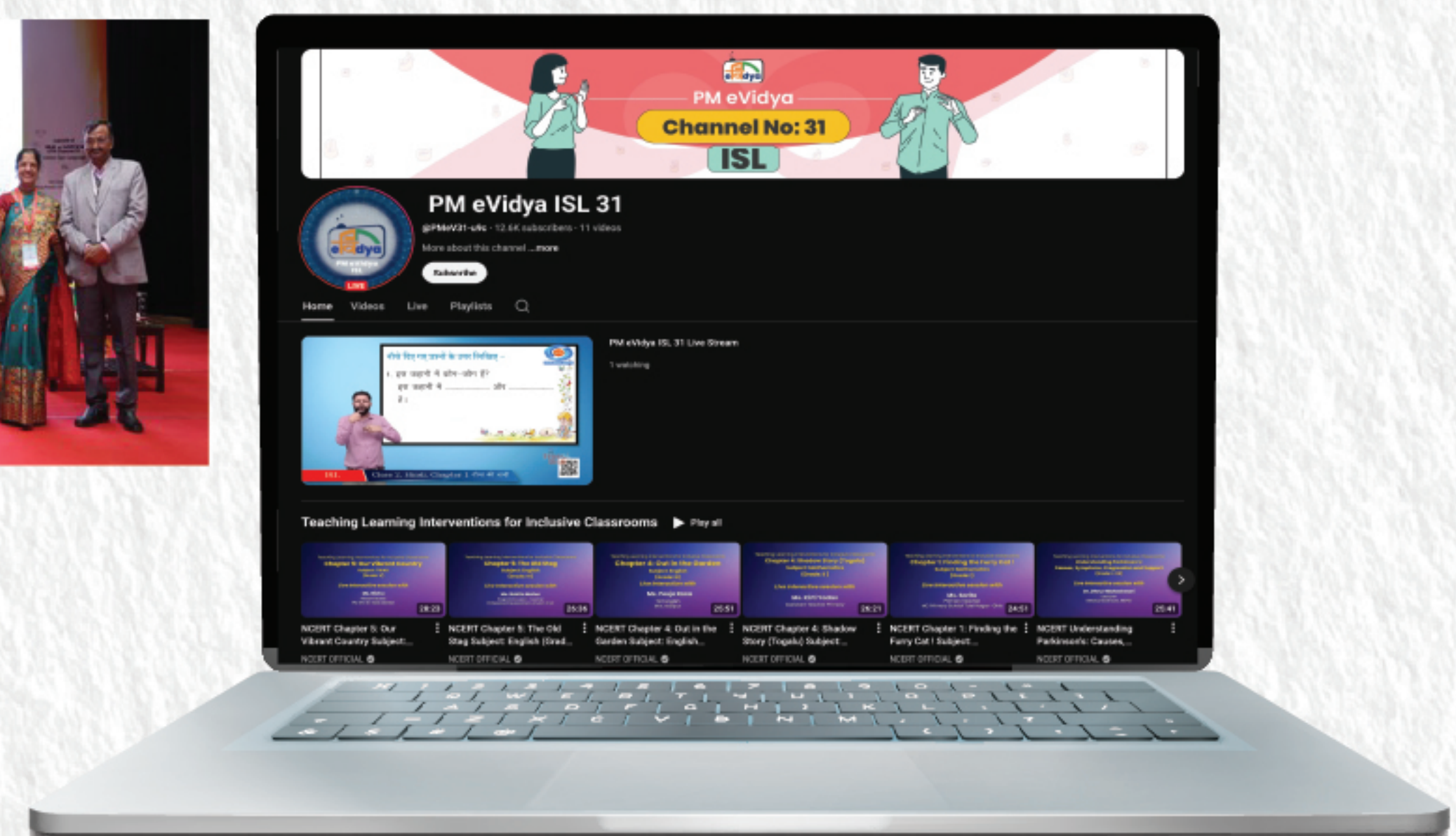


Web Page



PM e-Vidya DTH ISL Channel Number 31

In alignment with the NEP 2020 vision for equitable and inclusive education for all, the Hon'ble Minister of Education, Shri Dharmendra Pradhan, launched the PM eVIDYA DTH Indian Sign Language (ISL) Channel 31 on 6 December 2024. The main objective of Channel #31 is to ensure optimum participation in learning for Children with Hearing Impairment in their preferred mode of communication, making schooling a comfortable experience. This initiative under the aegis of the department of the school education and literacy, Ministry of Education, Government of India facilitates equal opportunities to unfold their potential while promoting the availability of learning materials in Indian Sign Language (ISL) and strengthening ISL as a language.



Web Page

Teaching Learning Intervention for Inclusive Classroom

To further the cause of equitable and inclusive education, a live interaction series has been introduced for the clientele of PM eVidya DTH Channels 1-12 (One Class, One Channel) and Channel 31. An archive of 1280+ sessions is available on the NCERT Official YouTube channel. Each session focuses on one class, one subject, one textbook, and one lesson, demonstrating accessible teaching for 'ALL' learners. After every 12 sessions (Classes 1-12), the 13th session addresses a generic theme. Each session is supported by an Indian Sign Language (ISL) interpreter.



AI in Action : Transformation in School Education

AI Modules for School Teacher

From basic understanding to real classroom application this 8-module initiative simplifies AI, equips educators with right tools, and promotes safe, responsible use for better learning outcomes



Interactive Learning & Student Support



Ask DIKSHA: Chat with Books

Ai-enabled system generating textbook-authentic answers with citations in Indian languages.



Multilingual Guidance

Support for parents and teachers through bots like Katha Sakhi, Parents Tara and Teacher Tara.



eJaadui Pitara Chatbots

Three dedicated bots providing holistic guidance for children's education in various Indian languages.



AI enabled Books

AI-enabled system generating textbook-authentic answers with references Indian languages



Multilingual Contents

Machine learning enables the transition of textbooks into all 22 scheduled languages.



Data-Driven Monitoring

AI-powered data collection and analysis ensuring prompt action for educational initiatives, through VSKS & RVSK

Systemic Integration & Accessibility



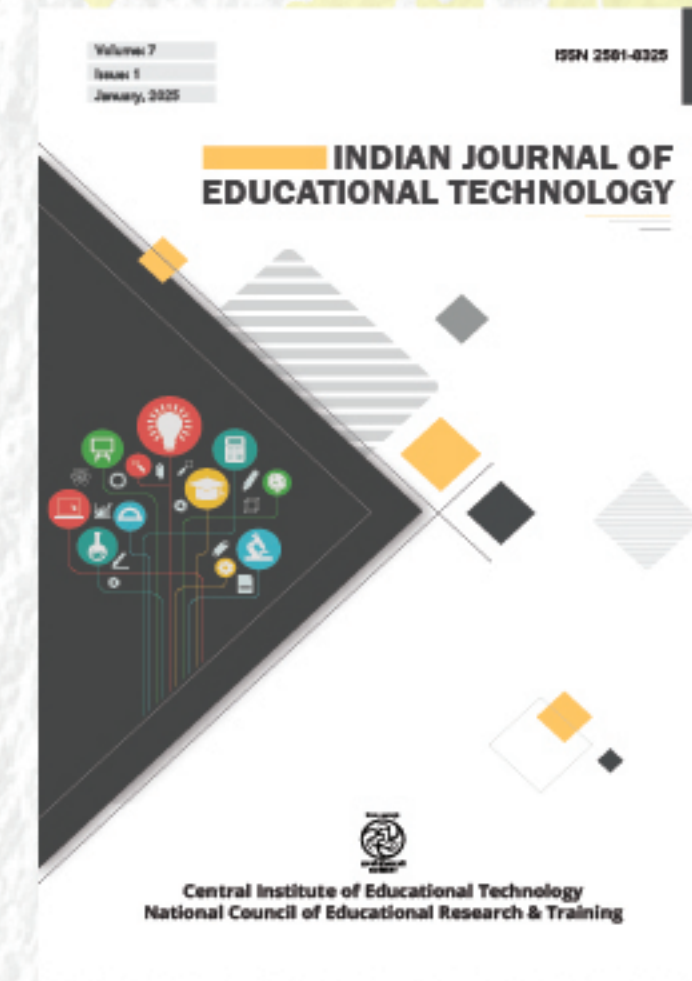
AI-Generated Content

Utilising AI for image generation and content creation across various digital programmes.

Journals & Newsletters



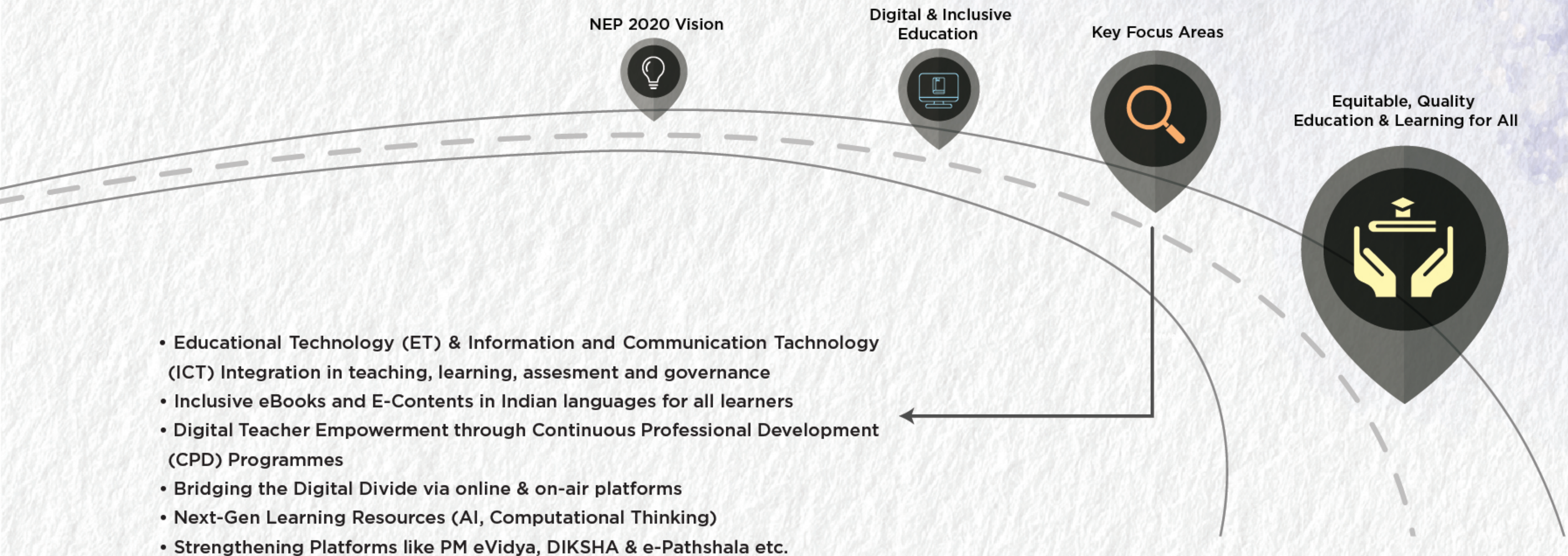
Annually



Quarterly



Future Roadmap 2026-27



Glimpses







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