





Major Digital Initiatives



























PM e-VIDYA

PM e-VIDYA focuses on unification of efforts, enabling multi-mode access to education

PM e-Vidya focuses on developing multi channel learning continuum

Televisio

Radio

DIKSHA

Special e-Content

Online Courses

One Class, One TV Channel

Radio
Broadcast /
Podcast/
Community
Radio

One Nation, One Platform

E-content for specially abled DIVYANG (CWSN)

Online Courses for School Education

DIKSHA, Television and Radio are the focus of discussion for resilient and coherent access

Television





12 DTH TV Channels on 24×7 basis daily and simulcast on Jio TV App, Private cable operators, YouTube channel etc.



6,300 curriculum based videos developed for school education in English, Hindi including Indian Sign Languages (ISL) including vocational education



One hour live session for each class for clarification of doubts



IVRS support for addressing queries of students

Radio





3,688 pieces of curriculum-based radio programmes (Classes 1 -12)



Broadcast on 398 Radio Stations (11 GyanVani FM Radio Stations, 255 Community Radio Stations, 132 All India Radio stations), iRadio and JioSaavn Mobile apps



1,881 live programs podcast on iRadio

DIKSHA





5900 + ETBs by States / UTs



2,80,000 eContent



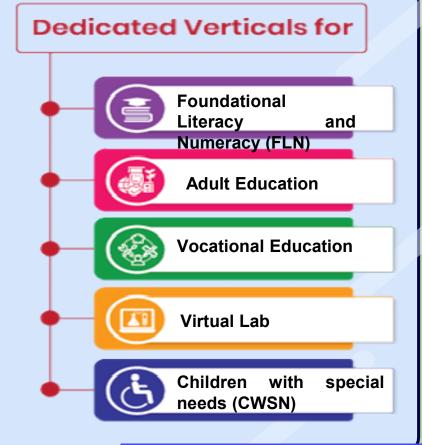
7000 + eCourses

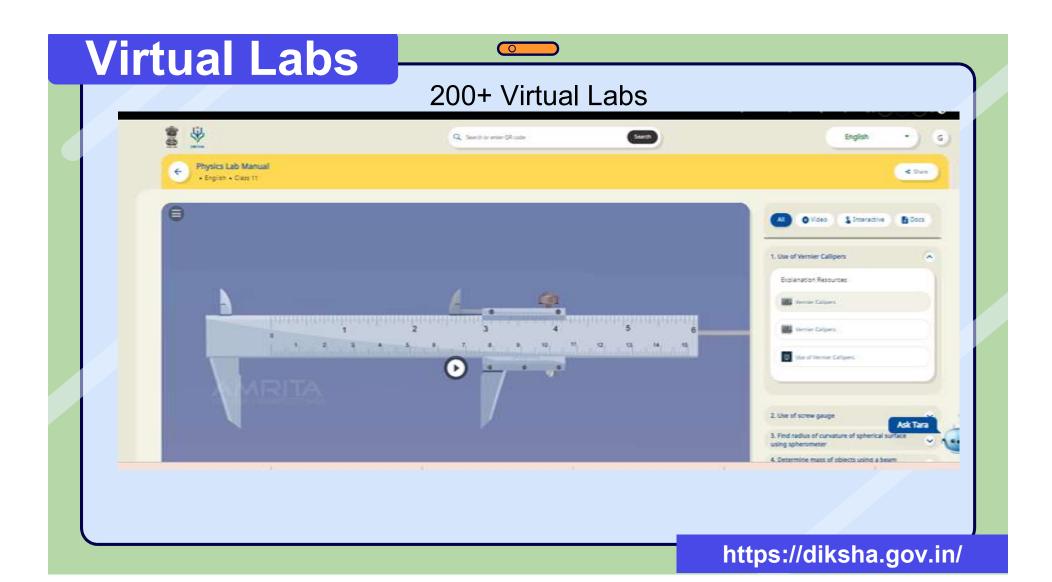


50 million page hits on daily basis

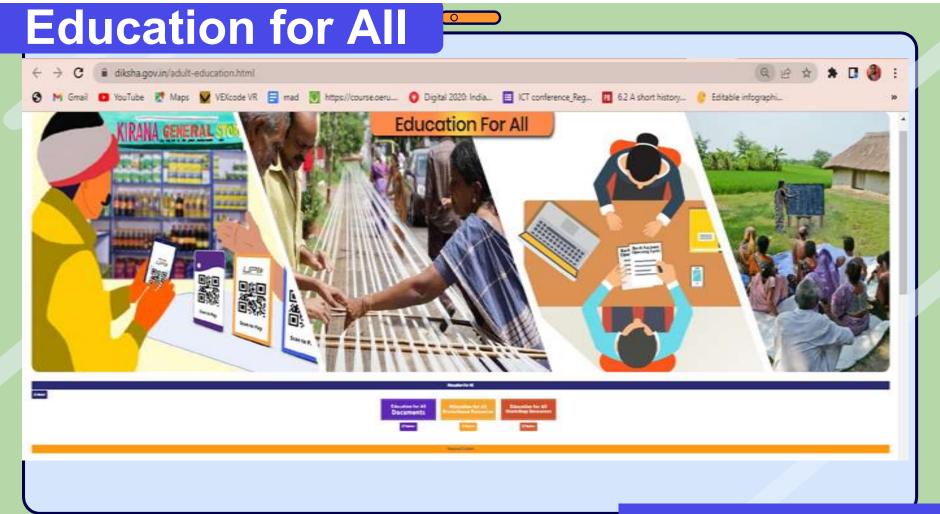


Supports 32+ languages Including 22 scheduled languages and indian sign languages (ISL).

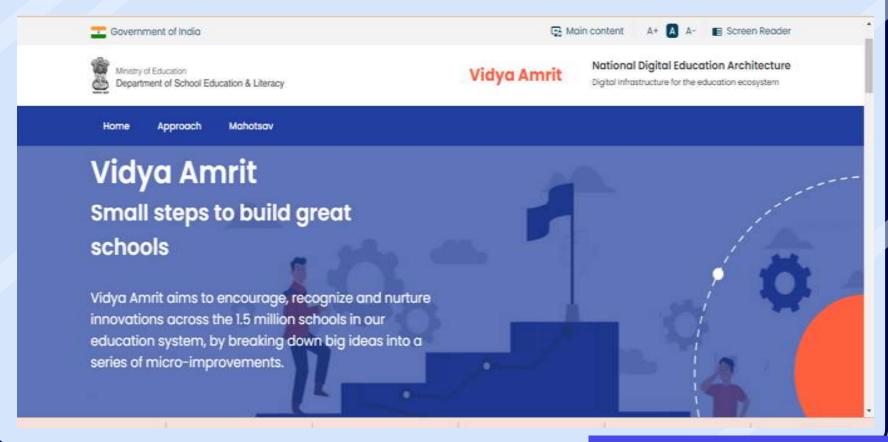








Micro Improvement project



DIKSHA



DIKSHA

Vidya Samiksha Kendra - CCC

System to monitor, mentor,

manage the whole ecosystem

DIKSHA's building blocks were used for multiple use cases



Energised Textbooks



Content Sourcing



Content Consumpt ion



Teacher Professional Development



Content **Authoring**



Data Tools & **Dashboards**



Question Bank



Quizzes



Chatbot



Digital Credentials



Collaboration



Phygital



cQube





Surveys



Translations



Mentoring



Sunbird Registry and Credentials

Phygital

Bridging of physical and digital worlds by 'energizing'





State board. Grade 5th

Textbook



ನೀವು ಈ ಅದ್ಯಾಯದ ಅದ್ಯಯನದ ನಂತರ ಕೆಳಗಿನ ಸಾಮರ್ಹ್ರಗಳನ್ನು ಗಳಿಸುವಿರಿ ನೀವು ಈ ಆಧ್ಯಯದ ಆಧ್ಯಯದ ನಂತರ ಕಳಗಿನ ಸಮಯ್ಯ ಗಳಸುವ 3-ಅಂಕಿಯ ವರಮ ಸಂಖ್ಯೆಯನ್ನು 1 ಅಥವಾ 2 ಅಂಕಿಯ ಸಂಖ್ಯೆಯಿಂದ ಗುಣಿಸುವುದ 5-ಅಂಕಿಯ ಸಂಖ್ಯೆಯನ್ನು 1 ಅಂಕಿಯ ಸಂಖ್ಯೆಯಿಂದ ಗುಣಿಸುವುದು • ಗುಣಾಕಾರ ಕ್ರಿಯೆಯನ್ನು ಆಧರಿಸಿದ ಸಮಸ್ಯೆಗಳನ್ನು ಬಿಡಿಸುವುದು.

ಗುಣಾಕಾರವು ಗಣಿತದ ಮೂಲ ಕ್ರಿಯೆಗಳಲ್ಲಿ ಒಂದು ಎಂದು ನಮಗೆ ಕಿಳಿದಿದೆ. ಗುಣಾಕಾರವು ಪುನರಾವರ್ತಿತ ಸಂಕಲನ. ಎರಡು ಸಂಖೆಗಳನ್ನು ಒಂದೇ ವಾರಿಗೆ ಗುಣಕಾರವ ಮಾಡುವುದು. ಗುಣಿಸಲ್ಪಡುವ ಸಂಖ್ಯೆಯನ್ನು 'ಗುಣ್ಣ ಎಂದು ಮತ್ತು ಗುಣಿಸುವ ಸಂಖ್ಯೆಯನ್ನು 'ಗುಣಕ' ಎಂದು ಕೆರೆಯುತ್ತನೆ. ಈ ಎರಡು ಸಂಖ್ಯೆಗಳಿ ಗುಣಕಾರುದಿಂದ ಪಡೆದ ಸಂಖ್ಯೆಯನ್ನು 'ಗುಣಲತ್ತಿ ಎಂದು ಕರೆಯುತ್ತೇವೆ.

ಗುಣ್ಯ × ಗುಣಕ = ಗುಣಲಬ್ಬ

-) ಯಾವುದಾದರೂ ಒಂದು ಸಂಖ್ಯೆ ಮತ್ತು ಸೊನ್ನೆಯ ಗುಣಲಬ್ಬವು ಯಾವಾಗಲೂ ಸೊನ್ನೆಯಾಗಿರುತ್ತದೆ. ಉರ್ದಾ: $12\times 0=0$, $8\times 0=0$ 2) I ಮತ್ತು ಯಾವುದಾದರೂ ಒಂದು ಸಂಖ್ಯೆಯ ಗುಣಲಬ್ಬವು ಯಾವಾಗಲೂ ಆದೇ ಸಂಖ್ಯೆಯಾಗಿರುತ್ತದೆ. ಉರ್ದಾ: $9\times 1=9$, $6\times 1=6$
- 3) This away thin to a space of the contract of the same and the same

ಪುನರಾವರ್ತನ ಅಭ್ಯಾಸ

- 1) 35×0 2) 164×1
- 4) 1 × 235 5) 0 × 1,001
- 3) 100×0 6) 1×55

NCERT, Grade 8th



textbook

In a small village in Tansania, Africa, Mamba gets up very early in the menning to fetch unter. She has to wish very early in the menning to fetch unter. She has to wish the mother in the house and joins her brothers in taking care of their goats. All her family ouns is a piece of recky grows some maise and beans on it after testing hand. This is not enough to feed their family for the whole year. New Zealand where he family nor the whole year. New Zealand where he family nor the whole year factory. Berngleay when he returns from a chool freeze produces the second of the second point with hill in the far datance. It is managed in a scientific way using the far datance. It is managed in a scientific way using the far desirance. It is managed in a scientific way using the far desirance. It is managed in a scientific way using the far desirance is the managed in a scientific way using the far desirance is the managed in a scientific way using the far desirance is the managed in a scientific way using the far desirance is the managed in a scientific way using the far desirance. It is managed in a scientific way using the far desirance of the scientific way the far desirance and the scientific way the far desirance is the scientific way the far desirance and the scientific way the far desirance and far

test technology. Peter's family also grouss vegetables rough organic faming.

Mamba and Peter stay in two different parts of the orld and lead very different lives. This difference is cause of the differences in the quality of land, soil, atter, natural vegetation, animals and the usage of chnology. The availability of such resources is the ain reason places differ from each other.

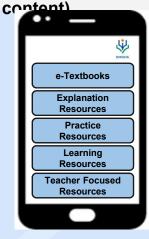
It covers only about thirty per cent of the total area of the earth's surface and all parts of this small percentage are not habitable.

The uneven distribution of population in different parts of the world is mainly due to varied characteristics

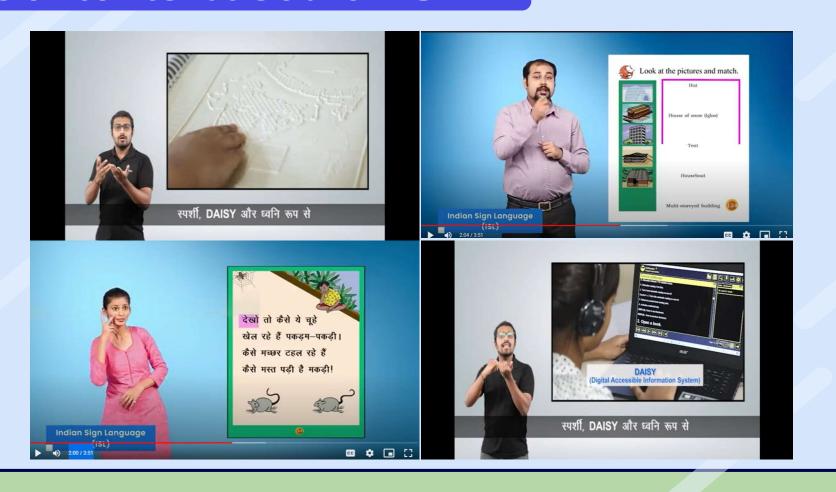
...which lead to ease of access to relevant digital content across the nation and enable continuity of learning

QR Code linking to

relevant e-content (student and teacher facing

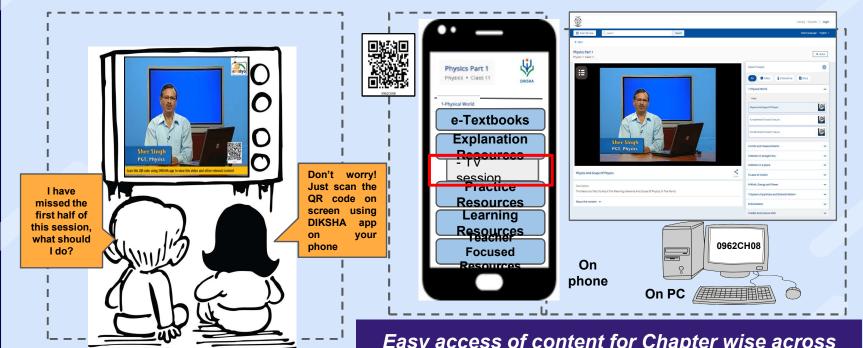


eContents based on UDL



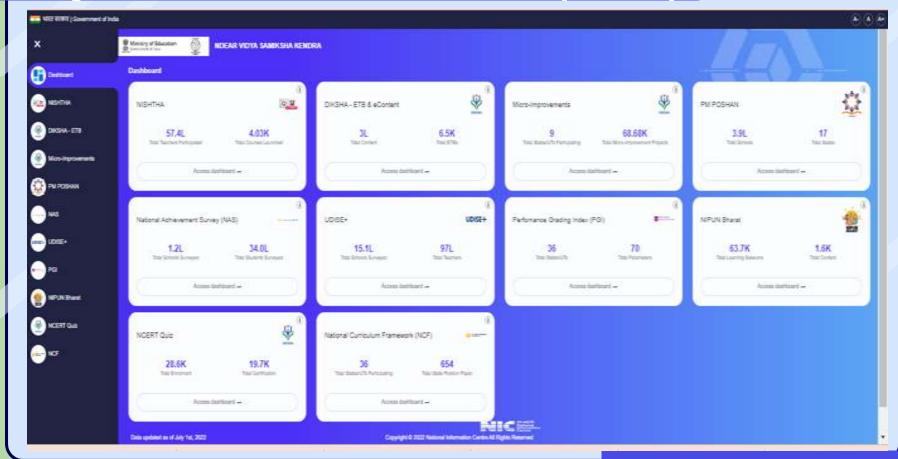


NCERT has leveraged DIKSHA to enable Coherent Access



Easy access of content for Chapter wise across grades and subjects through DIKSHA, TV, Radio

Vidya Samiksha Kendra (VSK)



Experiential Lab



Continuous Professional Development (CPD)

01

02

NISHTHA

CPD Courses

National Initiative for School Heads and Teachers Holistic Advancement Online courses for continuous Professional Development (CPD)



04

Online courses for students for learning enrichment

Online Capacity Building on ET/ ICT

Webinar/ live interaction and online training on ET/ ICT

Platforms: MOODLE, SUNBIRD, QPEN EDX, Google Course Builder



NISHTHA





NISHTHA 1.0 (Elementary Level)

- 18 Courses
- 30 States/ UTs and 7 autonomous organizations under MoE and MoD
- 11 languages Assamese, Bengali, Bodo, English, Kannada, Hindi, Telugu, Odia, Gujarati, Punjabi, Urdu



NISHTHA 2.0 (Secondary Level)

- 12 Courses
- 33 States/ UTs and 8 autonomous organizations under MoE, MoD and MoTAD
- 10 languages Hindi, English, Urdu, Gujarati, Punjabi, Telugu, Kannada, Bengali, Marathi and Odia.



NISHTHA 4.0 (NIPUN Bharat)

Launched on July, 2022

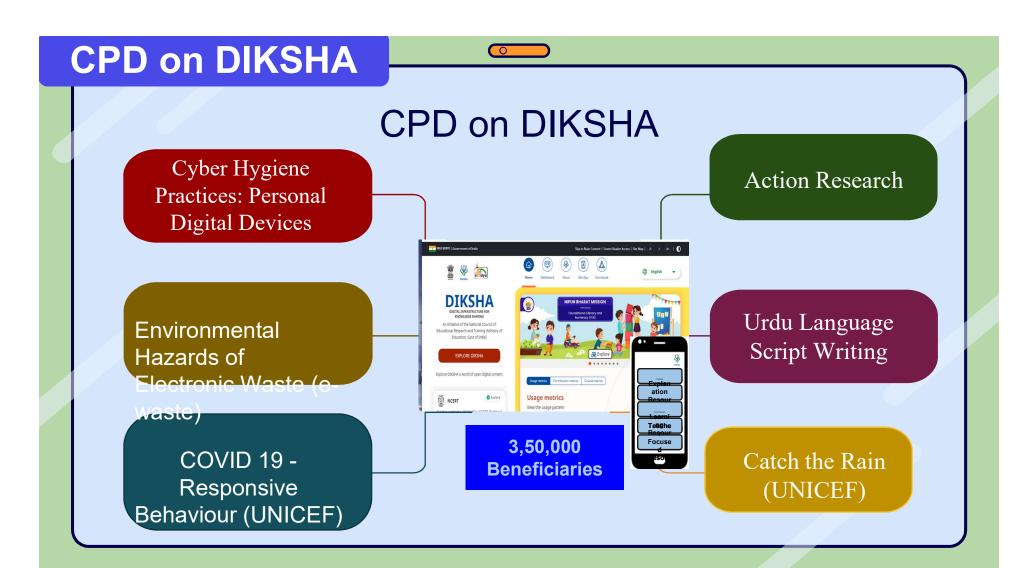




NISHTHA 3.0 (NIPUN Bharat)

- 12 Courses
- 33 States/ UTs and 5 autonomous organizations under MoE
- 11 languages Hindi, English, Urdu, Gujarati, Punjabi, Telugu, Kannada, Odia, Assamese, Marathi and Mizo

https://nishtha.nic.in/



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SWAYAM

SWAYAM focuses on the three cardinal principles of educational policy viz. Access, Equity, and Quality.

3,00,000 Beneficiaries

28 Online courses

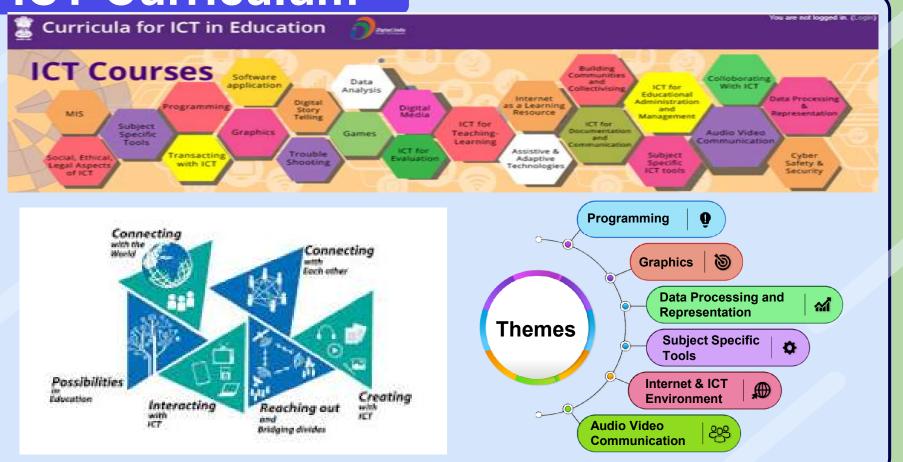
Subjects of Class XI and XII

10 Cycles



https://swayam.gov.in/

ICT Curriculum



https://ictcurriculum.gov.in/

Online Capacity Building on ET/ ICT



Offences by Children and on Children in the Cyber Space

Teaching Learning through Learning Management System (LMS)

Cyber Parenting

Virtual Labs for Teaching and Learning

Cyber Hygiene Practices

Social Engineering Attacks

Digital Infrastructure for School Education

Open Educational Resources (OER) and Licenses

Development of Game Based eContent

Use and Integration of Technology: Implementation of the

Vision of NEP - 2020

Artificial intelligence for Education

Stay Safe in the Cyber World

Innovative Pedagogies for Digital Education.

Digital Tools for Teaching, Learning and Assessment of Specific Subjects

Financial Safety in CyberSpace

Mental and Emotional Wellbeing in the Era of Cyberspace

16 online **Trainings**

650 + Webinars

1,50,000 **Beneficiaries**

ePathshala







10,90,98,666 visitors on Portal # 30 M users in UMANG

App Rating

- •4.2 on Google play store
- •3 on Apple Store
- •4.3 on Windows Store

App downloads/Users

- •41,48,346 on Google
- ●138,550 on Apple
- ●88,010 Windows

Total Books as ePub: 696

Total no of Flipbook: 504

https://epathshala.nic.in/

Branding of ePathshala





ePathshala











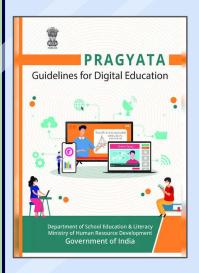


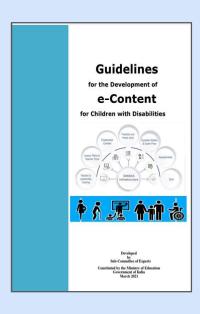
Scanner

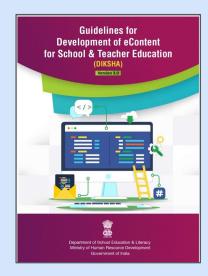




Standards & Guidelines for Digital Education



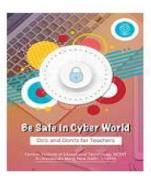






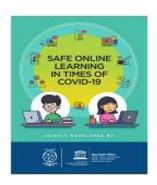
Cyber Safety Guidelines

English





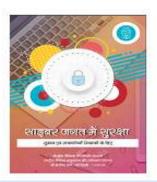






Hindi











https://ciet.nic.in/pages.php?id=booklet-on-cyber-

International Collaboration





Trained master trainers of Mauritius on developing and disseminating OER, Developed a portal and mobile app



School Online Programme - Collaboration between Indian and Israel Schools



Trained master trainers of Nepal on developing and disseminating eContents and OER



School Online Programme - Collaboration between Indian and Korean Schools



Shared eContents developed by NCERT

Other Initiatives



SAHYOG DTH TV Support for Tele-Counselling Services

Manodarpan-IVRS based 24x7 Counselling Support



ICT Award for teachers and educators

Talk to NCERT (Voice Assistant)



eContent Development Competition and ICT fair

Online quizzes and competitions

(Constitution Quiz, Online Quiz on NEP, Yoga Quiz, Discover Gandhi Quiz, Online Photography competition, Communication material on NEP for teachers, Essay competition etc for School students).



ICT Initiatives: Summary



Television

- 12 DTH TV Channels on 24×7 basis daily and simulcast on Jie TV App Private cable operators, YouTube
- 6,300 curriculum based videos
- developed and telecast · 2.5 hours fresh slot for
- Classes I to IX (9 repeats) . 3 hour fresh slot for classes X-XII (7 repeats)
- One hour live session for each class for ciarification of doubts

(IVRS Helpline

- Manadarpan 20,000+ calls
- PM eVIDYA = 29,000+ calls

SWAYAM School MOOCS

- 30 MOOCs at Sr. Secondary level
- 29723 enrollment in 8th cycle
- 8030 enrollment in 9th cycle

e dya

Radio/Podcast

- 397 Radio stations
- 3,429 audio books
- 3,485 audio programmes
- 36 DAISY audio books
- 1257 live programme on Radio/ podcost

You Tube

- 10,000 word dictionary
- 3117 ISL videos for Classes I to VI

Indian Sign

Language (ISL)

300 Live videos interactions

DIKSHA

- 35 states/ UTs on board
- 6430+ ETBs
- 2.81000+ eContents
- 7300* eCourses
- 494+ Crores learning sessions
- 06 CPD courses for teachers and teacher Educators by
- 1750+ Crores page hits
- 3.52 Crore app downloads
- 15+ online events like quizzes, essay writing etc.
- Verticals created: FLN, Vacational Education, Adult Education & Lifelong Learning

- Subscriber: 976K
- econtents: 6,991
- Views: 83,795, 398

ICT in Education Curriculum

Digital Literacy

- 601 live sessions
- Monthly online training series 4 trainings
- 03 Online quizzes
- · implementation of ICT curriculum for teachers in Karnataka and for students in Delhi

Cyber Safety & Security

- Guidelines for students, teachers, schools and parents
- webingr, five telecast under cyber Jagrukata Diwas
- 03 online Quizzes

AR/VR/OLAB

- 80 AR based contents for classes IX-X Science developed and app launched
- 245 OLAB videos

NISHTHA

- 1.0 (Elementary) with a coverage of 24 lakh teachers, across 30 States/UTs and 8 Autonomous bodies under MoE, MoD, MoTA.
- 2.0 (Secondary) with a target of 10 lakh teachers covering 33 States/UTs and B Autonomous bodies under MoE, MoD, MoTA
- 3.0 (FLN) with a Target of 25 lakh teachers covering 33 States/UTs, and 5 Autonomous bodies under MoE

ePathshalo

- 511 Flipbook
- 696 ePubs/Talking book
- 377 Textbooks
- 5.954 Audios/Videos
- 51,25466 User App download
- 171203433 Page hits
- 80 AR Contents

Social Media



265K followers



50,283 Likes



(U) 2051 followers

The UNESCO King Hamad Bin Isa Al-Khalifa Prize received by CIET, NCERT for the use of ICT in Education





