



Educational Technology/ICT Initiatives

**Central Institute of Educational Technology
National Council of Educational Research & Training**

The mission of Central Institute of Educational Technology (CIET) is to:

-  act as a nodal resource centre for school education media software acquired through national, regional and international sources for reference and research.
-  achieve excellence in design, research and production of educational software for children and teachers, including parents.
-  contribute to teacher education through the convergence of appropriate technologies.
-  build capacities of teachers/educators for quality improvement roles in school education.
-  constructively inform educational policy makers and to critically appraise educational technology (ICT related) policy in India.

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

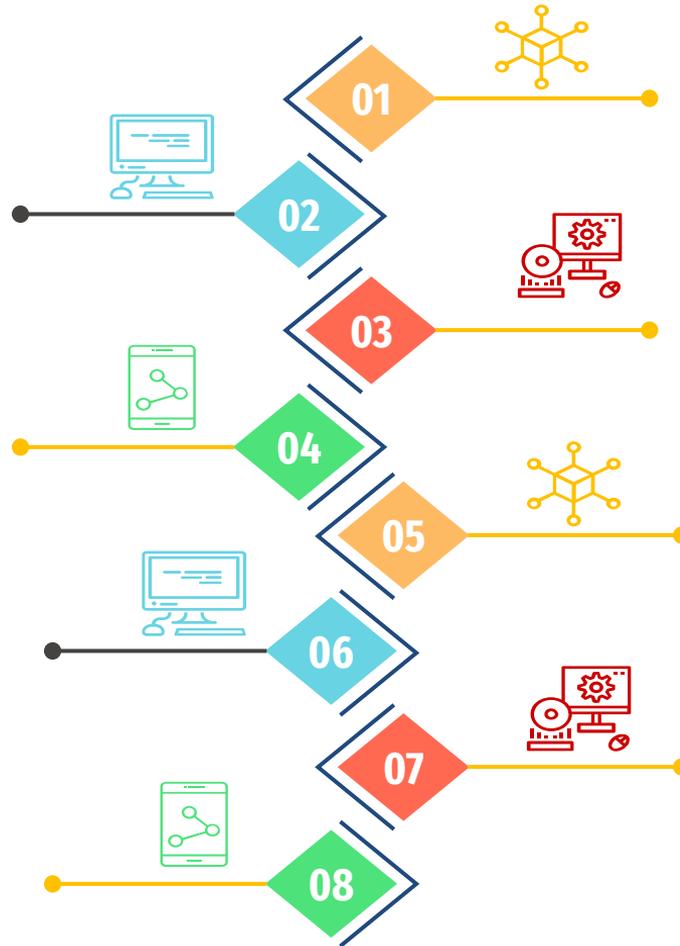
Work Areas - Digital Education - NEP 2020

Development and use of LMS, CMS, OER, assessment, MIS, monitoring etc. through portals and apps

Promoting Research and Evaluation in the areas of ET and ICT including disruptive technologies

Development of policy, guidelines for implementing digital education

Development of state of art digital infrastructure to enhance access, equity, quality and holistic education



Development of Digital Contents - ebooks, eContents and its delivery through portals and apps

Capacity Building of Teachers and Educators through courses, webinars, workshops, conferences etc

Establishing Synchronous and Asynchronous Communication system for school education

Creating awareness on Cyber safety & Security, eWaste management, media literacy, mental health etc



Digital Education Initiatives



1. Television

- 12 DTH TV Channels on 24x7 basis daily and simulcast on Jio TV App Private cable operators, YouTube channel
- 6,200 curriculum based videos developed and telecast
 - 2 hours fresh slot for Classes I to X (11 repeats)
 - 3 hour fresh slot for classes XI-XII (7 repeats)
- One hour live session for each class for clarification of doubts

IVRS Helpline

- Manodarpan 18,000+ calls
- PM eVIDYA - 22,000+ calls

4. SWAYAM School MOOCs

- 30 MOOCs at Sr. Secondary level
- 87,000 enrolled in 7th cycle
- 9533 enrollment in 8th cycle



2. Radio/Podcast

- 230 Radio stations
- 3,266 audio books
- 3,337 audio programmes
- 36 DAISY audio books
- 674 live programme on iRadio/podcast

5. Indian Sign Language (ISL)

- 10,000 word dictionary
- 1164 ISL videos for Classes I to VI
- 206 Live videos interactions

3. DIKSHA

- 35 states/ UTs on board
- 5,553+ ETBs
- 2,38,000+ eContents
- 5,400+ eCourses
- 438+ Crores learning sessions
- 5105 ETBs including 4000+ eContent from NCERT
- 06 CPD courses for teachers and teacher Educators by NCERT
- 5+ Crores Daily page hits
- 3.29 Crore app downloads
- 15+ online events like quizzes, essay writing etc

You Tube

- Subscriber : 888K
- econtents: 6,664
- Views: 73,767,649

ICT in Education Curriculum

Digital Literacy

- 496 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
- webinar, live 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 8 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

ePathshala

- 511 Flipbook
- 696 ePubs/Talking book
- 377 Textbooks
- 6,664 Audios/Videos
- 48,82,479 User App download
- 15,36,87,171 Page hits
- 66 AR Contents

Social Media

230.6K followers

41,968 Likes

1,958 followers

Digital Initiatives of MoE, GoI



eपाठशाला
learning on the go

ePathshala



DIKSHA

DIKSHA



NISHTHA



POWERED BY
FREE ONLINE EDUCATION
swayam
शिक्षित भारत, उन्नत भारत

SWAYAM



**ICT
Curriculum**



PMeVIDYA

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

PM e-VIDYA

PM e-Vidya focuses on developing multi channel learning continuum

Television

One Class, One TV Channel

NCERT is running Classes 1 to 12 (12 channels)
6200 programmes

Radio

Radio Broadcast / Podcast

NCERT is using Community Radio and Podcasts (230 radio stations)
3000+ programmes

DIKSHA

One Nation, One Platform

States/UTs, NCERT, CBSE, NIOS on board: 2.15 lakhs e-content & 5553 Energized Textbooks for 1-12 classes

Special e-Content

E-content for specially DIVYANG (CWSN)
1100+ ISL Videos developed by NCERT

Online Courses

Top 100 Universities to start online courses

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

Digital Infrastructure for Knowledge Sharing

DIKSHA

← → ↻ diksha.gov.in ☆ ⚙️ A

Apps Gmail YouTube Maps VEXcode VR mad https://course.oeru... Digital 2020: India... ICT conference_Reg... Reading list

भारत सरकार | Government of India Skip to Main Content | Screen Reader Access | Site Map | A- A A+ |

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DIKSHA

DIGITAL INFRASTRUCTURE FOR SCHOOL EDUCATION

An initiative of the National Council of Educational Research and Training (Ministry of Education, Govt of India)

EXPLORE DIKSHA

Explore DIKSHA's world of open digital content

NCERT Explore

Explore content published by NCERT (National

Usage Metrics Contribution Metrics Course Metrics

Usage metrics

View the usage pattern across the nation and all the states

Download Report

Last updated: 29-March-2021

Participate & Get an Opportunity to Interact with Hon'ble Prime Minister Shri Narendra Modi

- TEACHER COURSES**: Contextualized digital courses for supporting teachers in their professional development.
- QUIZZES**: An interactive test of knowledge, as a time-bound competition between students.
- LESSON PLAN**: Lesson plan is a structured outline of a given topic/unit/chapter to be taught in any given day. Lesson plan aids to streamline teaching and create an engaging learning experience.
- IMAGES**: Pictures, drawings or photographs to explain concepts and non-local contexts.
- VIDEO & AUDIO CLIPS**: To help explain difficult concepts creatively and innovatively.
- ACTIVITIES**: Engaging games or exercises to test and increase cognition.
- INTERACTIVE GAMES**: Engaging games or exercises to test and increase cognition.
- ASSESSMENT**: An evaluation to gauge the level of understanding of any given topic/chapter/unit. Assessments help teachers improve the overall learning experience.
- WORKSHEETS**: A set of questions or tasks put together to assess the understanding of any particular topic/unit/chapter.

<https://diksha.gov.in/>

5,553 eBooks, 2,38000+ e-Contents in 36 languages, 5000+ Online Courses, 5+ Crores daily page hits

NCERT has leveraged DIKSHA to enable Coherent Access

The diagram illustrates a multi-platform access strategy for NCERT resources. On the left, a television displays a video session by Sher Singh, PGT, Physics, with a QR code and a text box: "Scan this QR code using DIKSHA app to view this video and other relevant content". Below the TV, two cartoon characters are shown. The first character asks, "I have missed the first half of this session, what should I do?". The second character responds, "Don't worry! Just scan the QR code on screen using DIKSHA app on your phone". In the center, a smartphone displays the DIKSHA app interface for "Physics Part 1" (Physics - Class 11). The app menu includes: e-Textbooks, Explanation Resources, - TV session (highlighted with a red box), Practice Resources, Learning Resources, and Teacher Focused Resources. A QR code labeled "0962CH08" is positioned above the phone. To the right, a PC monitor displays the DIKSHA portal website for "Physics Part 1" (Physics - Class 11). The website features a video player with the same Sher Singh session and a sidebar menu with chapters: 1-Physical World, 2-Units and measurements, 3-Motion in a straight line, 4-Motion in a plane, 5-Laws of motion, 6-Work, Energy and Power, 7-System of particles and Rotational Motion, and 8-Gravitation. Below the PC monitor, a desktop computer tower and keyboard are shown, with the label "On PC". The text "On phone" is placed below the smartphone. The QR code "0962CH08" is also visible on the PC screen.

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

MOOCS on

- COVID 19 - Responsive Behaviour (Around 3 Lakhs orientation across 3 months)
- Action Research
- Urdu Language Script Writing
- Cyber Hygiene Practices: Personal Digital Devices
- Environmental Hazards of Electronic Waste (e-waste)
- Catch The Rain

NISHTHA- National Initiative for School Heads and Teachers Holistic Advancement - An Integrated Training

NISHTHA 1.0 (Elementary)

18 Courses (13 Generic and 5
Pedagogy Course) in **11** Languages
42 Lakh Teachers & School Heads
34 States/ UTs
8 Autonomous Organisations under
MoE, MoD and MoTA

NISHTHA 2.0 (Secondary)

12 Courses (12 Generic and one
Pedagogy Course) in **10** Languages
10 Lakh Teachers & School Heads
33 States/ UTs
8 Autonomous Organisations under
MoE, MoD and MoTA

NISHTHA 3.0 (FLN)

8 Courses in **11** Languages
25 Lakh Teachers & School Heads
33 States/ UTs
5 autonomous Organisations under
MoE and MoD



राष्ट्रीय शैक्षिक अनुसंधान और प्रशिक्षण परिषद्
National Council of Educational Research and Training

eपाठशाला
learning on the go

ePathshala

ePathshala Programmes Organisation

MHRD Government of India
Ministry of Human Resource Development

Digital India
Power To Empower

eपाठशाला
learning on the go

DOWNLOAD
the app today

available on all three platforms

Hold the QR code scanner of your smartphone (with free to download QR code reader) over this code to download the app.

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Total Books as ePub: 696

Total No of Flipbook: 511

Total No of Textbooks: 377

6,664 Audios/Videos

48,82,479 User App download

15,36,87,171 Page hits

AR Contents

ePathshala

STUDENTS TEACHERS

PARENTS EDUCATORS

ENGLISH

हिंदी

اردو

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New and Updated MORE

Directorate of Marketing & L... CBSE nps

Branding of ePathshala



PINDICS



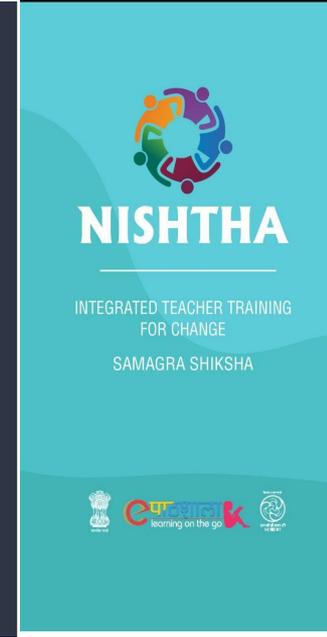
NAS



PARAKH



ePathshala
Scanner



NISHTHA



Augmented
Reality



<https://swayam.gov.in/>



LEARN ANYTIME, ANYWHERE.

Learning made easy with SWAYAM,
An MHRD initiative

DISCOVER YOUR LEARNING PATH

SCHOOL ^

Not finished school yet?

[Do it here](#)

CERTIFICATE v

DIPLOMA v

UNDERGRADUATE v

POST GRADUATE v



India's best
online courses

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PROGRAM

> SCHOOL (19)

> CERTIFICATE (7)

> DIPLOMA (2)

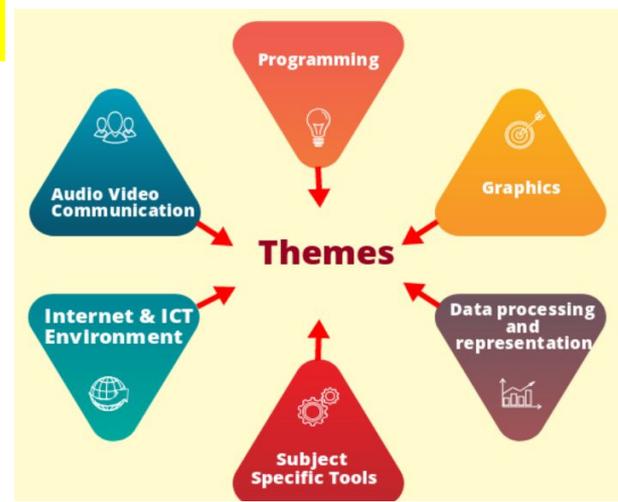
28 Online Courses of NCERT with around 10,00 registration (December 2021- May, 2022) in 8th Cycle

ICT Courses



HOME ABOUT US CONTACT US FEEDBACK

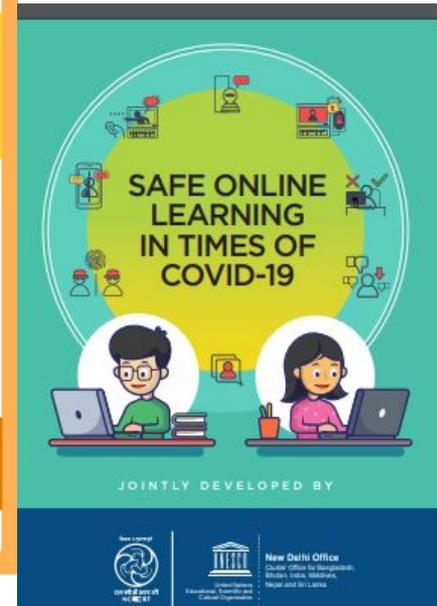
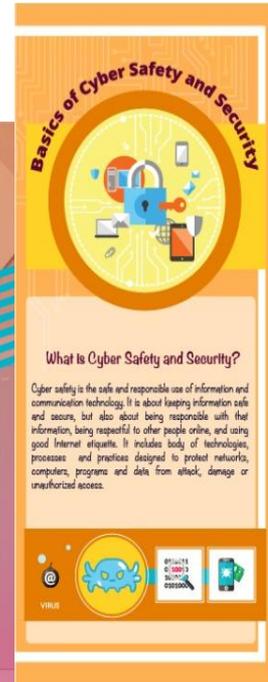
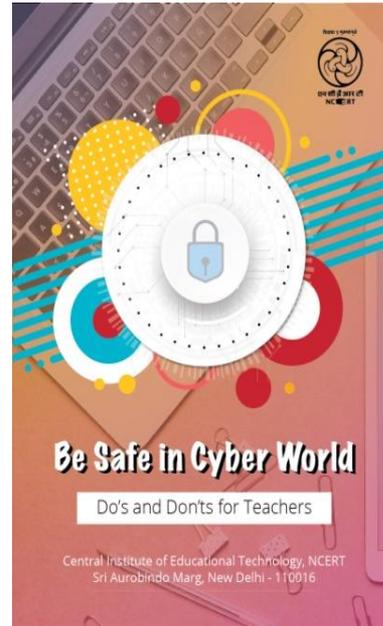
<https://ictcurriculum.gov.in/>



CPD on Digital Competencies

- Online Training through YouTube and DTH TV Channels
(<https://ciet.nic.in/workshop-training.php?&ln=en>)
 - Workshop on Developing Game based eContent
 - Online Workshop on Use and Integration of Technology: Implementation of the Vision of NEP - 2020 .
 - Online Training on Artificial intelligence for Education (
 - Stay Safe in the Cyber World
- Webinar (<https://ciet.nic.in/pages.php?id=webinar&ln=en>)
 - Demonstration of using various digital/ ICT tools in teaching, learning and assessment
 - Sharing Success stories of practices in ICT-Content- Pedagogy Integration
 - Sharing of various digital initiatives taken up by States/ UTs and other autonomous organisations at national and state level
- Cyber Safety and Security
 - Webinars
 - Online Training
 - Quiz
 - Guidelines

Guidelines and Brochures for Orientation of various stakeholders on cyber safety and security



International Collaboration Projects

Collaboration between Demonstration Multipurpose School (NCERT) and Schools in Israel



International Conference on ICT in Education

Theme: Emerging Trends in ICT in Education

Implementation of NEP-2020

Join us for the
**1st International Conference
on ICT in Education**
Theme: Emerging Trends in Education
Organised by Central Institute of Educational Technology
(CIET) - NCERT, New Delhi.

March 24-26, 2021
10:00 am to 1:00pm
[https://www.youtube.com/channel/
UCsZL5PqV56w3KkuxYuTKAfg](https://www.youtube.com/channel/UCsZL5PqV56w3KkuxYuTKAfg)

For Further
Information Visit
<https://ciet.nic.in/ictconference.php?&ln=en>

Ministry of Education
Government of India

PANEL DISCUSSION

Emerging Technologies in ICT in Education : Disruptive Technologies

1st International Conference on ICT in Education

March 26, 2021
11.30 am - 12.30 pm

@ <https://youtube.com/channel/UCsZL5PqV56w3KkuxYuTKAfg>
For Further Information <https://ciet.nic.in/ictconference.php?&ln=en>

Moderator	Co-Moderator
 Dr. Indu Kumar Professor DICT, CIET-NCERT	 Dr. Rejaul Karim Assistant Professor CIET-NCERT
 Mr. H. Rayappa Associate Director, Satellite Communication & Navigation Programme Office ISRO	 Dr. Kaushal Kumar Bhagat Assistant Professor IIT Kharagpur
 Dr. Prama Director, Amrita CREATE Amritapuri, Chairperson Department of Computer Science Amrita Vishwa Vidyapeetham	

Ministry of Education
Government of India

PANEL DISCUSSION

Perspectives of NEP 2020: Technology in Education

1st International Conference on ICT in Education

March 25, 2021
12:00 pm - 1:00 pm

@ <https://youtube.com/channel/UCsZL5PqV56w3KkuxYuTKAfg>
For Further Information <https://ciet.nic.in/ictconference.php?&ln=en>

Moderator	Co-Moderator
 Dr. Indu Kumar, Professor, DICT, CIET-NCERT	 Dr. Abhay Kumar, Assistant Professor, CIET-NCERT
 Dr. Ramesh Sharma, Associate professor, School of Global Affairs, Ambedkar University, New Delhi	 Dr. Jayashree Shinde, Associate Professor and Director, Teaching-learning Centre SNDT Women's University
 Dr. Manas Ranjan, Senior Programme Officer, Commonwealth Educational Media Center for Asia, New Delhi	



PRAGYATA

Guidelines for Digital Education



Department of School Education & Literacy
Ministry of Human Resource Development
Government of India

COVID-19 Initiatives

- Steps for Digital and Online Education
- Cyber Safety and Privacy Measures
- Guidelines for School Heads, Teachers, Parents and Students
- Physical, Mental Health and Well-being
- Balanced Online/ Offline Activities
- Screen Time
- Ergonomics

Live Transmission daily on Alternative Academic Calendar

Transmission through SWAYAM Prabha 12 PM e-VIDYA DTH TV channels, Classes 1-12

Webinar and online training on ICT in Education

Talk to NCERT Mobile App (Google Voice Assistant)

Manodarpan Counselling & PMeVIDYA– IVRS

SAHYOG DTH TV Support for counseling services

Live interactive sessions on Teaching Learning Interventions for Inclusive Classrooms



Constitution Quiz



Yoga Quiz



Discover Gandhi Quiz



**Essay competition for
School students**



**Aryabhatta Ganit
Challenge 2020**



**Writing Competition "THE LIFE
AND MESSAGE OF GURU TEGH
BAHADUR**



Online Quiz on NEP



**Communication material
on NEP for teachers**



**Online Photography
competition**



Azadi Ka Amrut Mahotsav



Cyber Safety Quiz



**Poster Making Competition on the
theme 'Elimination of Single Use
Plastics**

Online publication of Indian Journal of Educational Technology and Newsletter



https://ciet.nic.in/IJET-Journal/IJET_July_2021_Volume3_Issue2/mobile/index.html



<https://ciet.nic.in/NewsletterJuly-sep2021/>

Collaboration-: Mauritius SSP Portal & App



Ministry of Education and Tertiary Education
Science and Technology

Republic of Mauritius

SSP Mauritius

Loading ...

The screenshot shows the homepage of the Ministry of Education and Tertiary Education Science and Technology of the Republic of Mauritius. The header includes the ministry's name and the coat of arms. Below the header is a navigation menu with 'Home', 'About', 'eResources', and 'Contact'. The main content area features a banner for the 'Student Support Programme' with a photo of students in a computer lab and the text: 'Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all'. Below the banner, there are sections for 'Nine Year Schooling (NYS)' and 'Student Support Programme (SSP)'.

THURSDAY, 11:50:51 PM

Ministry of Education and Tertiary Education
Science and Technology
Republic of Mauritius

Home About eResources Contact

Student Support Programme

Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all

Nine Year Schooling (NYS)

Nine Year Schooling (NYS) aims at equipping all students with the knowledge, foundational skills, and attitudes leading to an empowered 2030 citizenry. In that context, the SSP was conceived to empower students to become autonomous through self-learning.

Student Support Programme (SSP)

SSP supports all students in their quest to achieve academic and personal success irrespective of their economic and social backgrounds.

NCERT has developed a OER portal and mobile app for Mauritius



Supporting Bhutan with eContent developed in India