



विद्यया ऽ मृतमश्नुते

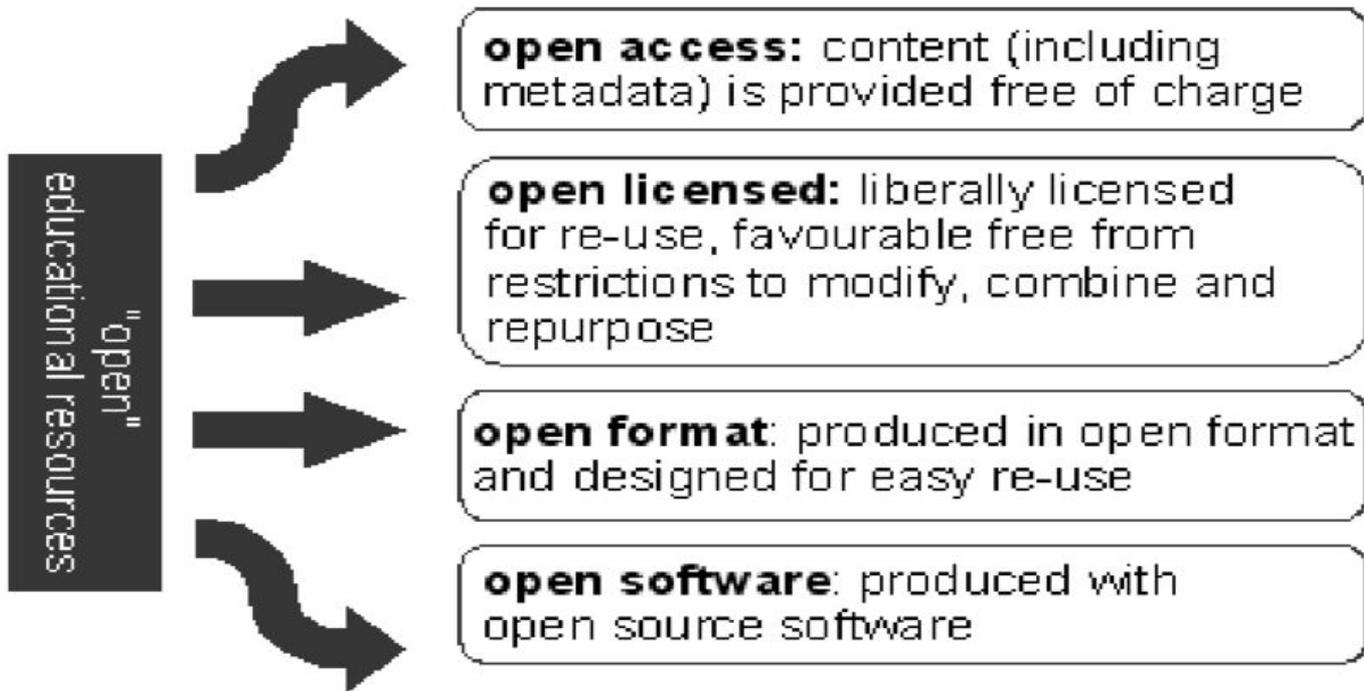


एन सी ई आर टी
NCERT

Concerns of NEP 2020:OER Repositories

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National Council of Educational Research & Training
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What do we understand by Open Educational Resources(OERs)



Repository

- Storehouse of well curated digital contents
- Curation is done for specific uses
 1. Courses
 2. Along with textual contents
 3. Teaching/Self-learning/Assessment
 4. Formats

Concerns of NEP 2020 for technology Integration

- Continuous Professional Development
- Improved Classroom Processes i.e Teaching, Learning, Assessment
- Improved access to education for disadvantaged groups-divyang, girls, students living in remote areas

Content to be developed for

- Courses for students teachers and other stakeholders
- Foundational Literacy and Numeracy
- Vocational Education
- Adult Education and Lifelong learning
- For the creation of Virtual labs
- For 3D visualisation of abstract concepts: Virtual Reality, Augmented Reality



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



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An MHRD initiative



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- SCHOOL ^
 - Not finished school yet? [Do it here](#)
- CERTIFICATE v
- DIPLOMA v
- UNDERGRADUATE v
- POST GRADUATE v

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online courses

Search course by name, subject, faculty or institution

- PROGRAM
- > SCHOOL (19)
- > CERTIFICATE (7)
- > DIPLOMA (2)

**30 Online Courses of NCERT with 84,078 registration
during Cycle 7 (April-September, 2021)**

ePathshala Programmes Organisation

MHRD Government of India
Ministry of Human Resource Development

Digital India
Power To Empower



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ePathshala

14 Crore visitors on Portal
3 Million users on UMANG App of MeitY

App Rating

- 4.2 on Google play store
- 3.0 on Apple Store
- 4.3 on Windows Store

App downloads/Users

- Around 46 Lakh on Google
- Around 72 thousand on Apple
- Around 1.6 Lakh on Windows

Total Books as ePub: 696

Total no of Flipbook: 511

DIKSHA



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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 Council of Educational Research and Training)



MINISTRY OF EDUCATION
GOV OF INDIA

PARIKSHA PE (HARCHA 2021)

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

- 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

TEACHER COURSES

Contextualized digital courses for supporting teachers in their professional development



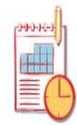
QUIZZES

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.



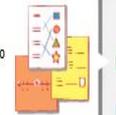
VIDEO & AUDIO CLIPS

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.



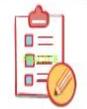
ASSESSMENT

An evaluation to gauge the level of understanding of any given topic/ chapter/unit. Assessments help teachers to track the overall learning experience.



WORKSHEETS

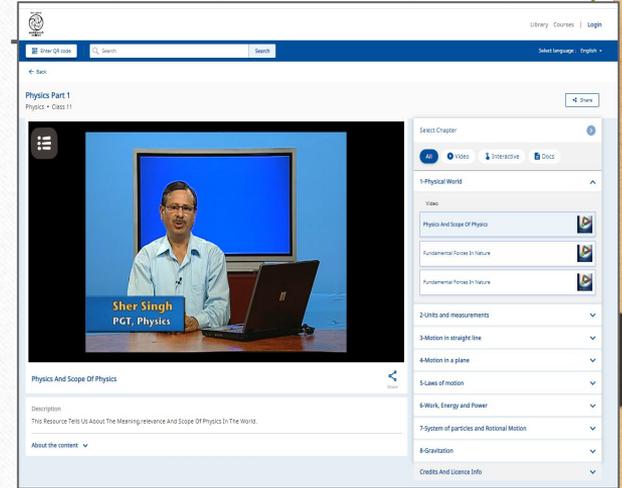
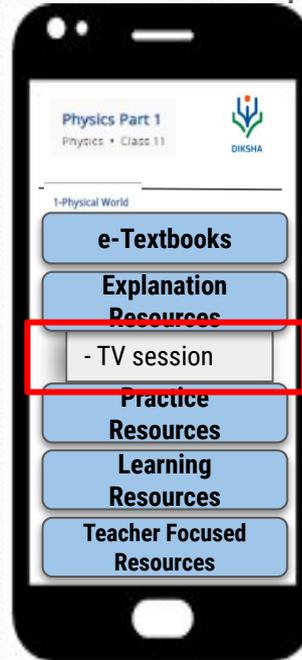
A set of questions or tasks put together to assess the understanding of any particular topic/unit/chapter.



4500+ Energized Textbooks
2,00,000+ e-Contents
3600+ eCourses
One online CPD building Course per month (4 Courses till July)
5+ Crores visitors per day

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

NCERT has leveraged DIKSHA to enable Coherent Access



On phone

On PC

I have missed the first half of this session, what should I do?

Don't worry! Just scan the QR code on screen using DIKSHA app on your phone

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

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)
5000+ programmes

Radio

Radio Broadcast / Podcast

NCERT is using
Radio, Community
Radio and Podcasts
(266 radio stations)
2000+ programmes

DIKSHA

One Nation, One Platform

States/UTs, NCERT,
CBSE, NIOS on
board: e-content &
QR coded Energized
Textbooks for all
grades (4500 ETBs)

Special e-Content

E-content for
specially
DIVYANG
(CWSN)
570+ 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)

Evaluation of content before curation and after curation

- Rigorous Review
- Rating
- E-Content Evaluation Tools
- Parameters of e-Content evaluation
https://ciet.nic.in/pages.php?id=econtent_evaluation&ln=en
- Guidelines of e-Content development
https://ciet.nic.in/pages.php?id=eContent_guidelines&ln=en

Thanks for your kind attention