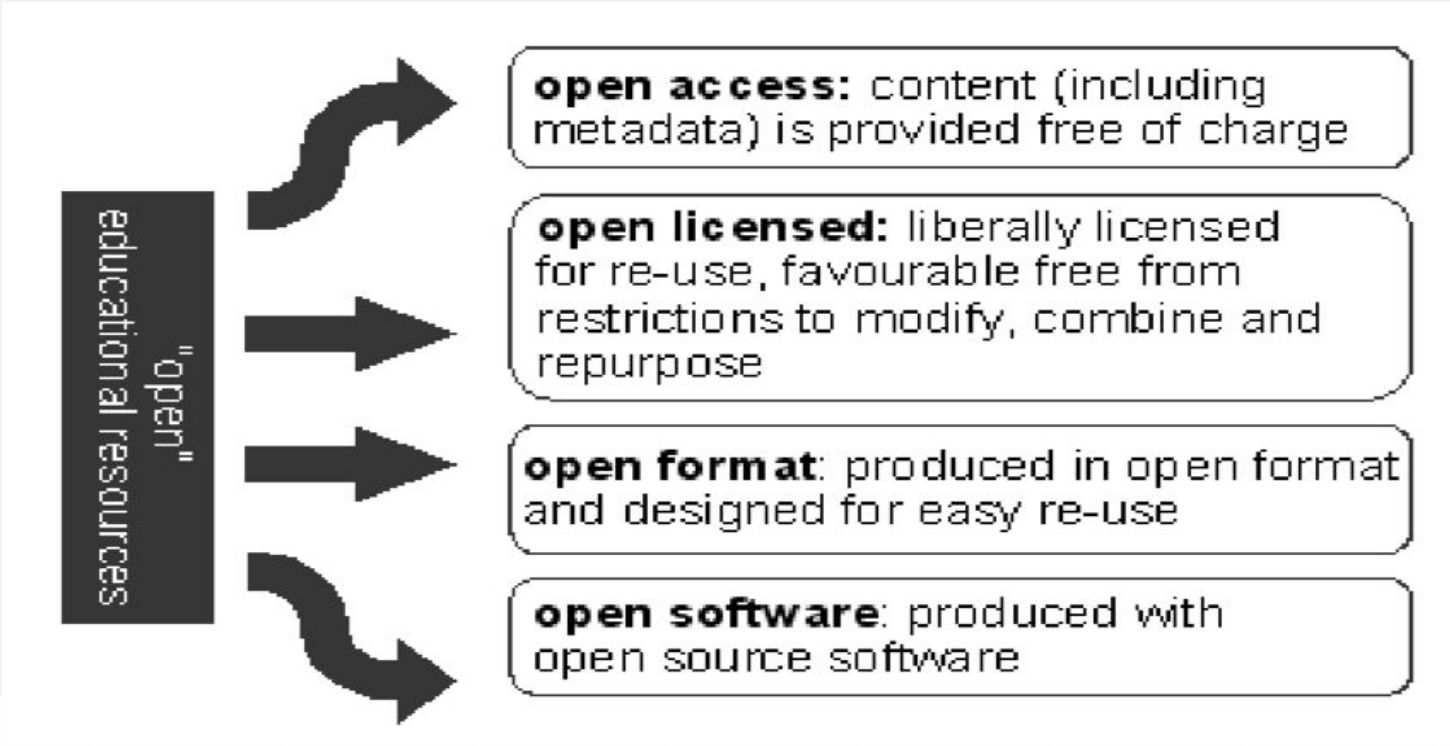
Concerns of NEP 2020:OER Repositories

Prof. Indu Kumar
Central Institute of Educational Technology
National Council of Educational Research & Training
Sri Aurobindo Marg New Delhi - 110016

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

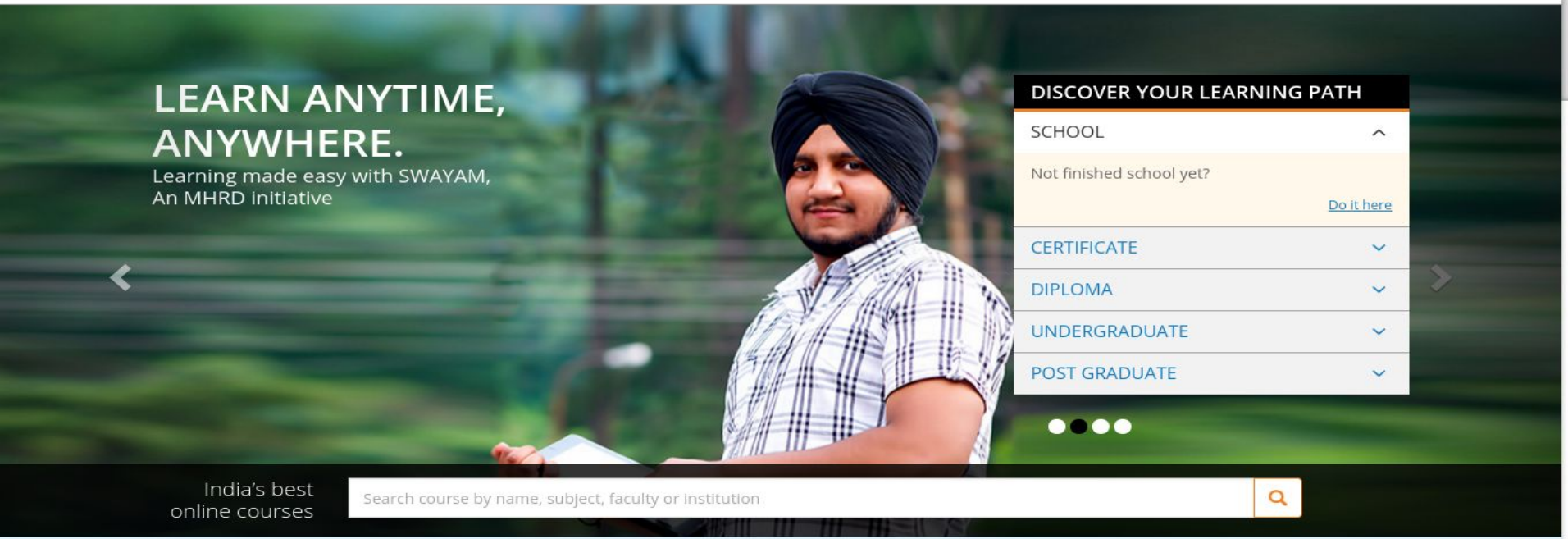
- Courses for students teachers and other stakeholders
- Foundational Literacy and Numeracy
- Vocational Education
- Adult Education and Lifelong learning
- For the creation of Virtual labs
- For 3D visualisation of abstract concepts: Virtual Reality, Augmented Reality

SWAYAM

MHRD | Government of India Ministry of Human Resource Development

All India Council for Technical Education

https://swayam.gov.in/



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

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

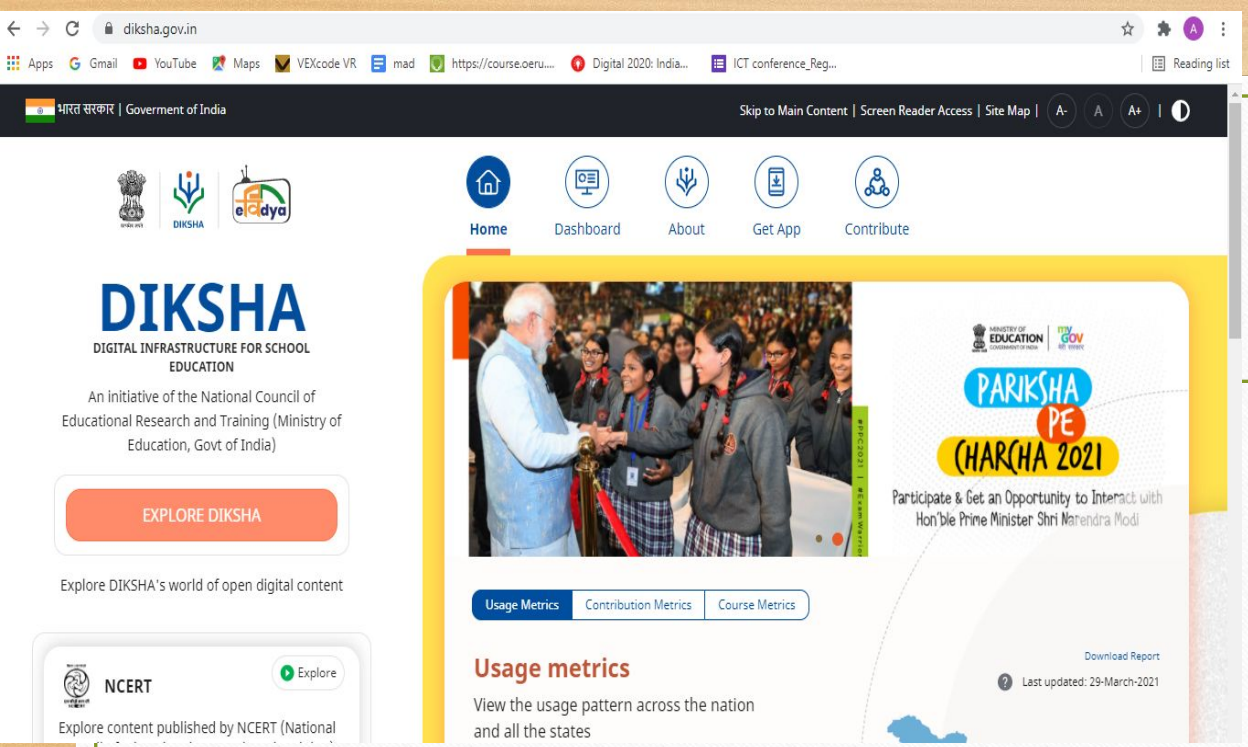
App downloads/Users

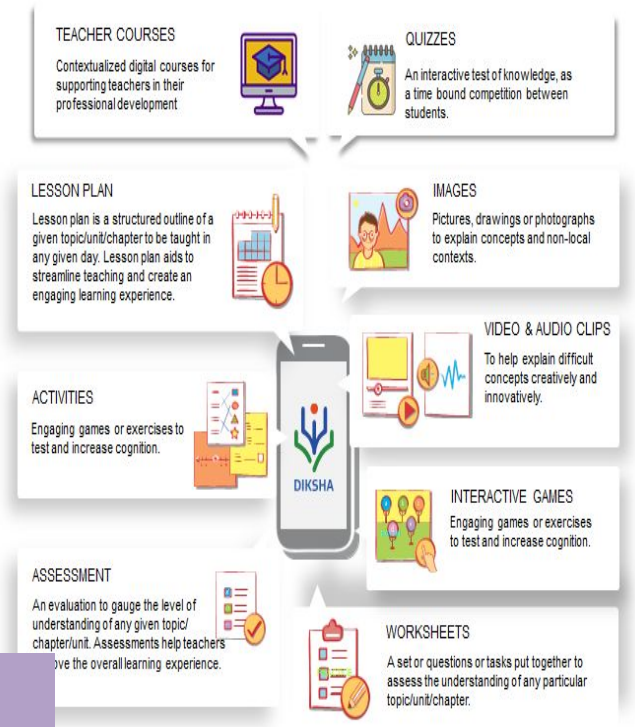
- Around 46 Lakh on Google
- Around 72 thousand on Apple
- Around 1.6 Lakh on Windows

 # Total Books as ePub: 696

 # Total no of Flipbook: 511

DIKSHA



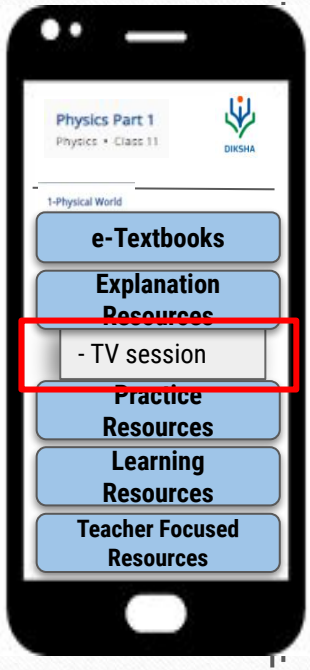


4500+ Energized Textbooks
2,00,000+ e-Contents
3600+ eCourses
One online CPD building Course per month (4 Courses till July)
5+ Crores visitors per day

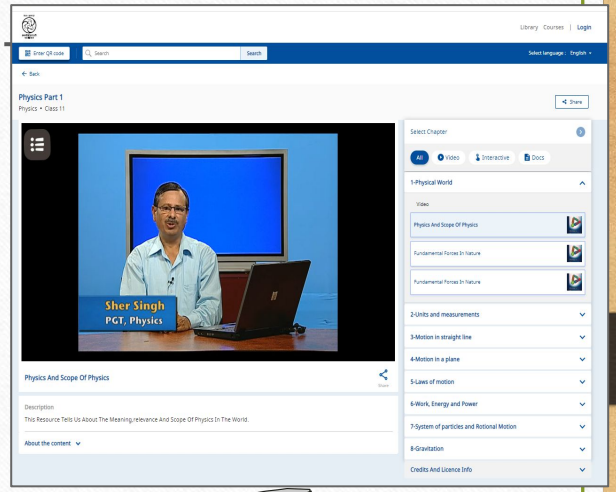
https://diksha.gov.in/

NCERT has leveraged DIKSHA to enable Coherent Access

0962CH08



On phone



On PC

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