Digital Infrastructure for Knowledge Sharing (DIKSHA): DIKSHA, an MHRD initiative has been adopted widely by 35 States/UTs and CBSE for enriched teaching and learning experiences. DIKSHA's free mobile application can be downloaded on Google Play Store (Android Phones) or DIKSHA website can be accessed through the following URL: https://diksha.gov.in.

   DIKSHA hosts more than 80,000 curriculum-linked and curated content pieces in 15 languages (mediums of instruction). The wide range of educational material includes explanation videos, experiential content, activities, quizzes, interactive games, lesson plans and worksheets all of which creates an engaging learning experience. Following content on DIKSHA will be useful for students/teachers of CBSE affiliated schools:

Content for grades 6 to 10: DIKSHA has content for Grades 6 to 10 across subjects aligned to NCERT and CBSE, and more content is being uploaded across all grades & subjects within the coming few weeks. Content aligned to CBSE board can be accessed through the following URL: https://diksha.gov.in/cbse/.

The CBSE board aligned content has been systematically organized as per the NCERT textbooks table of contents. •

Creative and Critical Thinking (CCT) questions: CCT items on Reading, Mathematics and Science Literacy are uploaded on a weekly basis on DIKSHA for students of classes VII-X. URL:

https://diksha.gov.in/resources/play/collection/do_312906088505204 73612338?contentType=TextBookQuestion Bank:

For practice by students of class X, this bank is also available and can be accessed using the following URL:

http://cbseacademic.nic.in/revision10.html

E-Pathshala: NCERT has uploaded 1886 audio files, 2000 videos, 696 eBooks (ePUB format) and 504 flip books for classes I to XII in different languages on e-Pathshala. E-Pathshala can be accessed through the following website URL:

http://epathshala.nic.in

http://epathshala.gov.in.

c) National Repository of Open Educational Resources (NROER): NROER has a total of 14527 files including 401 collections, 2779 documents, 1345 interactive content pieces, 1664 audio files, 2586 images and 6153 videos in different languages. NROER content can be accessed through the following website URL:

http://nroer.gov.in/welcome

SWAYAM: SWAYAM is a national online education platform that hosts 1900 courses covering school education (grades IX-XII) and higher education (under graduate and post graduate programs). SWAYAM content can be accessed through the following website URL: https://swayam.gov.in.

Major subjects of Secondary and Senior Secondary level developed by NIOS are also available on URL:

https://swayam.gov.in/nc_details/NIOS

   SWAYAM PRABHA: SWAYAM Prabha has 32 DTH TV channels transmitting educational content 24/7. These channels are available for viewing all across the country using DD, Free Dish Set Top Box and Antenna. The channel schedule and other details are available on the portal. These channels cover both school education (grades IX-XII) and higher

education (under graduate and post graduate programs). • SWAYAM Prabha content can be accessed through the following website URL:

https://swayamprabha.gov.in.

   • DTH Channel no 27 (Panini) https://www.swayamprabha.gov.in/index.php/program/current/27 (Secondary) and channel no 28 (Sharda) https://www.swayamprabha.gov.in/index.php/channel_profile/profil e/28 (Sr. Secondary) have very useful content prepared by NIOS. • Kishore Manch 24×7 TV channel of NCERT under Swayamprabha can be visited on Channel #31

   YOUTUBE CHANNELS: NIOS and CBSE also run YouTube channels for secondary and senior secondary level subjects: • For classes 9 and 10 NIOS content can be viewed on: https://www.youtube.com/channel/UC1we0IrHSKyC7f30wE50_hQ/videos

   • For classes 11 and 12 NIOS content can be viewed on: https://www.youtube.com/channel/UC6R9rI1iEsPCPmvzlunKDg/videos

   • For class 12 Physics, Chemistry and Mathematics, CBSE content can be viewed on: https://www.youtube.com/channel/UCG7qv69PhtZlwDzB2vTWzKQ/videos

   PODCAST: CBSE launched a Podcast app 'CBSE-Shiksha Vani', which is available on Play Store for Android phone users. The Board uses this platform to disseminate crucial information to students, parents, teachers and principals through podcast, besides providing audio files on diversified topics ranging from Storytelling to various academic and skill subjects by experts.

NATIONAL DIGITAL LIBRARY OF INDIA: The National Digital Library of India is an integration platform for schools, colleges, universities, teachers, students, lecturers, differently-abled pupils, and anybody who has a willingness to learn. NDLI content can be accessed through the following Website URL:

https://ndl.iitkgp.ac.in/

https://ndl.iitkgp.ac.in/

IIT Pal: Students who are interested in getting online coaching for IIT entrance exams can access lectures on Physics, Chemistry, Mathematical and Biology on the official website of National Testing Agency at the link:

https://nta.ac.in/LecturesContent

   Resource Link

CBSE Circular – 24 Circular 2020

file:///C:/Users/Dell/Desktop/24_Circular_2020.pdf

MUMBAI UNIVERSITY SUBJECTS WISE SYLLABUS LINK

https://mu.ac.in/syllabus

MUMBAI UNIVERSITY OLD QUESTION PAPERS LINK

https://old.mu.ac.in/old-question-papers-2/

SWAYAM ONLINE FREE COURSES FOR STUDENTS

https://onlinecourses.swayam2.ac.in/

https://swayam.gov.in/

LINK OF BIOGRAPHIES

https://www.dnyansagar.in/2021/10/Sardar-Vallabhbhai-Patel.html

NATIONAL DIGITAL LIBRARY OF INDIA

https://ndl.iitkgp.ac.in/

National Programme on Technology Enhanced Learning

https://nptel.ac.in/

Consortium for Educational Communication (CEC-UGC)

https://cec.nic.in/cec/curriculum_class

https://www.youtube.com/user/cecedusat

NCERT-DIKSHA (Digital Infrastructure for Knowledge Sharing) Link

https://diksha.gov.in/

National Skill Development Corporation

https://www.skillindiadigital.gov.in/home

NCERT-e-Pathshala

https://epathshala.nic.in/

Ministry of Education-e-PG Pathshala (executed by UGC)

https://epgp.inflibnet.ac.in/

Ministry of Education-Sakshat

https://www.education.gov.in/en/technology-enabled-learning-1

Ministry of Education-e-Kalpa

https://www.dsource.in/

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https://www.youtube.com/channel/UC1we0IrHSKyC7f30wE50_hQ/videos

For class 12 Physics, Chemistry and Mathematics, CBSE content can be viewed on: https://www.youtube.com/channel/UCG7qv69PhtZlwDzB2vTWzKQ/videos

IIT Pal: Students who are interested in getting online coaching for IIT entrance exams can access lectures on Physics, Chemistry, Mathematical and Biology on the official website of National Testing Agency at the link:

https://nta.ac.in/LecturesContent

career Focus after Graduation

https://www.rajeevelt.com/

Online Learning Resources of MHRD MHRD initiated a number of projects to assist students, scholars, teachers and lifelong learners in their studies. These initiatives cover educational requirements of learners ranging from school to Post Graduate. The introduction of those projects as follows. SWAYAM(https://swayam.gov.in/) provides Massive Open Online Courses with 140 universities approved credit transfer feature. Students enrolled in Jan-20 & in total are 26 Lakhs & 1.57 Cr respectably. Total

1900+ courses covering school & higher education. SWAYAMPRABHA(https://www.swayamprabha.gov.in/) provides high quality educational programs 24*7 through 32 DTH channels. Around 56,000 total videos have been telecasted covering school & higher education. It has 3+ crores total views on Youtube since inception. National Digital Library (NDL) (https://ndl.iitkgp.ac.in/) is a repository of e-content on multiple disciplines from primary to PG levels. It has 4.3 crores content (Text / Audio / Video / Simulation /Graphics), harvested from 250 sources; in 300+ languages. NDL has 55 Lakhs + registered users. e-Yantra (https://www.e-yantra.org/) provides hands on experience on embedded systems. It has about 380 Lab and made 2300+ colleges benefited. FOSSEE (https://fossee.in/) is acronym for Free/Libre and Open Source Software for Education, which developed, promote open source softwares for education as well as professional use. Virtual Labs (http://www.vlab.co.in/) has developed Web-enabled curriculum based experiments designed for remote – operation. Its 275 labs with 2200+ experiments made 18+ Lakhs students benefitted. e-gyankosh (http://egyankosh.ac.in/) is a National Digital Repository to store and share the digital learning resources. Its content developed by the Open and Distance Learning Institutions in the country. Gyan Darshan (http://www.ignouonline.ac.in/gyandarshan/) is a web based TV channel devoted to educational and developmental needs for Open and Distance Learner. Gyan Vani (105.6 FM Radio) & Gyandhara (web radio) (http://ignouonline.ac.in/Gyandhara/) Gyan Dhara is an internet audio counselling service where students can listen to the live discussions by the teachers and experts on the topic of the day and interact with them through telephone. DIKSHA (https://diksha.gov.in/) is a National Platform for Our Teachers & all other learner. Epathshala (http://epathshala.gov.in/) provides Free access of e-books (class I to XII) through website and app. e-PG Pathshala (https://epgp.inflibnet.ac.in/) is a gateway for e-books upto PG which provides High quality, curriculum based, and interactive content in different subjects across all disciplines. e-ShodhSindhu (https://ess.inflibnet.ac.in/) is a collection of e-journals, e-journal archives and e-books on perpetual access basis. It has 10,000+ e-journals, 31,35,000+ e-books. Shodhganga (https://shodhganga.inflibnet.ac.in/) is a platform for research students to deposit their Ph.D. theses and make it available to the entire scholarly community in open access Shodh Shudhhi (PDS)(https://pds.inflibnet.ac.in/) is a Plagiarism Detection Software Encourage original information by preventing plagiarism. VIDWAN(https://vidwan.inflibnet.ac.in/) is an Expert Database and National Research Network which has profiles of scientists / researchers and other faculty members working at leading academic institution Spoken Tutorial (https://spoken-tutorial.org/) is a Tutorial in IT application which provides self-training in IT fields. NEAT (https://neat.aicte-india.org/) is an AI adaptive learning portal. This is an initiative for skilling of learners in latest technologies through a PPP model. SAKSHAT

(https://sakshat.ac.in/) is one Stop Education Portal for addressing all the education and learning related needs of students, scholars, teachers and lifelong learners. The portal provides the latest news, press releases, achievements etc related to Ministry of HRD. So visit SAKSHAT to know the world of online learning.

NCRTE E BOOKS FOR UPSC & MPASC EXAM PREPARATION

https://ebalbharati.in/main/books.html

ACADEMIC RESEARCH PROJECTS FOR STUDENTS

https://www.education.gov.in/ict-initiatives