

Digital/e-Learning Platforms provided by MHRD

a) **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. New questions for CCT practice are uploaded every Monday and answers are shared by Thursday, hence it provides a good opportunity to build critical thinking skills amongst students. The CCT questions and solutions can be accessed through the following URL: https://diksha.gov.in/resources/play/collection/do_31290608850520473612338?contentType=TextBook

Given the success of this program, it will soon be extended to other grades.

- **Question 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 and NROER content is now also available on DIKSHA.

b) **E-Pathshala:** NCERT has uploaded 1886 audio files, 2000 videos, 696 e-Books (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> or <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>

d) **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

e) **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>.

f) 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/UC1we0lrHSKyC7f30wE50_hQ/videos

- For classes 11 and 12 NIOS content can be viewed on:
<https://www.youtube.com/channel/UC6R9rI-1iEsPCPmvzlunKDg/videos>

- For class 12 Physics, Chemistry and Mathematics, CBSE content can be viewed on:

<https://www.youtube.com/channel/UCG7qv69PhtZlwDzB2vTWzKQ/videos>

g) **IIT Pal:** Students who are interested in getting online coaching for IIT entrance exams can access lectures on Physics, Chemistry, Mathematica and Biology on the official website of National Testing Agency at the link: <https://nta.ac.in/LecturesContent>

Covid-19 is showing us that when humanity is united in a common cause, rapid changes, rather phenomenal changes for the better, are possible. This time that we have suddenly on our hands, calls upon each one of us to delve inside, reflect and metamorphose into beings who are at synergy with all of nature, all of environment, and all of humanity, while focusing our energies on our mission to while focusing our energies on our mission to make every child “learn to learn”. Spread love and lead by example, as you always have.

We sincerely hope that you will not only take up these activities to widen the scope and enhance the learning opportunities for your students, but will also let us know of the innovative work you are doing at dirtraining.cbse@gmail.com

and on ASAR App of CBSE. Share your innovative timetables, content, assignments, question banks, etc. with us, so that your efforts do not remain limited to your school. Let us jointly create a world of joyful learning for the young citizens of this glorious nation.

All the best!

ANITA KARWAL
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