

**Government of India
Ministry of Education
Department of School Education & Literacy**

**Compilation of
Initiatives/Actions taken to mitigate the effect of Covid-19 pandemic
on education of school children**

BACKGROUND

In the year 2020-21, the COVID-19 pandemic has caused an unprecedented public health emergency, affecting almost all countries and territories globally. The pandemic has led to severe disruptions in normal life, including closure of schools. It has impacted over 240 million children of our country who are enrolled in schools. Extended school closures may cause loss of learning. To mitigate the impact of the pandemic, schools will not only have to remodel and re-imagine the way teaching and learning have happened so far, but will also need to introduce a suitable method of delivering quality education through a healthy mix of schooling at home and schooling at school.

The Department has taken several initiatives to ensure that the school going students don't lag behind in their studies during COVID-19 pandemic. These initiatives have been summarised in the Table below and illustrated further in the document thereafter.

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INTERACTIONS WITH STATE/UTs

1. DISCUSSIONS WITH STATES/UTs:

- During COVID-19 Pandemic, Ministry of Education has held consultations with the states and UTs at various levels.
- Hon'ble Education Minister held a meeting with Ministers and Secretaries of School Education Department of all States and UTs through Video Conference (VC) on 28th April, 2020 to discuss the issues relating to education of children during Covid-19 situation. Hon'ble Education Minister informed the States and UTs that National Council of Educational Research and Training (NCERT) has developed an Academic calendar for the class I to VIII. The States/UTs may also adopt/ adapt the same as per their local conditions.
- PAB meetings were held individually with each state/UT from 29th April, 2020 to 25th June, 2020 by Secretary SE&L, where planning for implementation of the Samagra Shiksha and MDM scheme for the year 2020-21 was discussed in the background of the pandemic.
- Further, Video Conference meeting was convened by Secretary (SE&L) with States and UTs on 17, 18 and 19th August, 2020. The following points were discussed in the VC meeting:
 - i. Details of students having access and no access to any digital device for learning.
 - ii. The process followed by the state to reach to student who do not have any digital device and step taken for such student.
 - iii. The process of assessment of students.
 - iv. Any innovative activity planned for such children during pandemic situation.
- VC was also held by Secretary SE&L on 1st July, 2020 to discuss online education draft guidelines and Continuous Learning Plan and Best Practises on 17-19th August, 2020.
- On 1st October, 2020, Secretary SE&L held a VC with all states/UTs regarding how to plan and report a communication campaign for health and safety precautions in the wake of the pandemic.
- During these series of meetings, and through continuous correspondence, States and UTs were advised to use Alternative Academic Calendar, Pragyata Guidelines, Guidelines for Children of Migrant Labourers, Manodarpan programme, DIKSHA (Digital Infrastructure for Knowledge Sharing, Safe online Guidelines), Vidyadaan portal for crowd sourcing of e-content, NISHTHA (National Initiative for School Heads' and Teachers' Holistic Advancement, Learning Enhancement Guidelines, CBSE Shiksha Vani (Podcast) during the Covid-19 period.

- NCTE also organized a Consultation Meet of Education Secretaries and other Heads of the Department of Higher/ School Education of States/UTs on 27th & 28th August, 2020, with regard to way forward during the pandemic.

2. FACILITATION OF HOME JOURNEY FOR STRANDED JNV STUDENTS:

- Ministry of Education, MHA, State/UT Governments and NVS got together to ensure that stranded JNV students from different states, who were studying in JNVs located in other than native state (under migration scheme), were escorted back to parent JNVs during the lockdown period and handed over to their parents safely. 3181 students who were stranded in 173 JNVs were facilitated accordingly from several parts of India.

3. BUDGETARY ALLOCATION:

- To mitigate the effect of covid-19, Department of School Education and Literacy have allocated a total of Rs. 5784.05 crores under Samagra Shiksha, which includes the following:
 - Rs. 818.17 crore to promote online learning through digital initiatives,
 - Rs. 267.86 crore for online teacher training to ensure continuous professional development of teachers,
 - Rs. 304.05 crore for training of members of School Management Committees (SMC)/ School Management and Development Committees (SMDC) to make them aware of Covid-19 situation and to create awareness amongst the students and parents,
 - Rs. 153.68 crore for media and community mobilization,
 - Rs. 51.03 crore for Safety and Security at school level as per Covid-19 Guidelines,
 - Rs. 417.44 crore for orientation of teachers on safety and security and
 - Rs. 3771.82 crore under composite school grant which inter-alia includes safe school operations, sanitization and ensuring basic wash facilities, safe drinking water, availability of essentials like alcohol rub/sanitizer disinfectant, cleaning material, thermal screening facilities etc.

GUIDELINES

4. PRAGYATA GUIDELINES ON DIGITAL EDUCATION:

- PRAGYATA guidelines have been developed with a focus on the methodology, time spent, etc. for online/blended/digital education for students who are presently at home due to the closure of schools.
- The guidelines recommend screen time for different categories of students.
- It also provides sufficient Do's and Don'ts regarding ergonomics and cyber safety.
- There are infographics on how to use devices and have proper posture during the online classes.
- The guidelines can be accessed at:
https://mhrd.gov.in/sites/upload_files/mhrd/files/pragyata-guidelines_0.pdf

5. LEARNING ENHANCEMENT GUIDELINES FOR CONTINUOUS LEARNING:

- During the pandemic, formal learning that takes place in schools in the form of face-to-face interaction between teachers and students as well as among the fellow learners, has been replaced by the use of various alternative modes, such as – online, TV, mobile, radio, textbooks, etc.
- The alternative modes, though praiseworthy, have certain limitations. The alternative modes do not ensure equitable quality learning for all students due to various factors such as unequal distribution of time of teachers, students having differential access to technological devices, and lack of support for learning at homes in several cases. As a result, closure of schools is likely to lead to loss of learning and deficiencies in the achievement of students' learning outcomes.
- States/UTs and MHRD have been making efforts for providing education to children at their homes through alternate means of delivery such as, distribution of textbooks at homes of learners, telephonic guidance by teachers, online and digital content through TV and radio, activity-based learning through the Alternate Academic Calendar released by NCERT, etc.
- With a view to address the issues related to gaps and/or loss of learning among students, during and after the lockdown, the MHRD entrusted NCERT with the task of constituting a Committee, comprising of academic and curricular experts drawn from NCERT, NIEPA, CBSE, KVS and NVS. The Committee conducted a survey in KVS, NVS and CBSE schools for collecting information about various digital modes being used by students to receive online education and their concerns regarding children not having digital devices. Further, discussions were held with SCERTs (on 22.06.2020) to gather information about the initiatives

taken up by them in their state/UT. Meanwhile, DoSEL collected a report from the states/UTs on their Continuous Learning Plans, particularly with regard to learners who have no access to any mode of digital devices.

- The ensuing guidelines for Learning Enhancement (LE) during the challenging times of the COVID-19 pandemic were prepared based on the recommendations of the aforementioned committee and on the reports of states/UTs for the following:
 - Learning Enhancement during COVID-19 for students without digital devices
 - Learning Enhancement during COVID-19 for students with limited accessibility to digital devices
 - Learning Enhancement during COVID-19 for students with digital devices
- The guidelines can be accessed at:
https://ncert.nic.in/pdf/announcement/Learning_%20Enhancement_Guidelines.pdf
- In respect of JNV students not having digital devices, resource materials like printed content, question & answers, Alternative Academic Calendar (AAC), Assignments, etc were personally handed over to the parents/ students. In addition, daily contact system is in place by JNVs to maintain connect with each student about mental well being, health and academics.
- As far as CBSE schools are concerned, the Board, vide Circular No. Acad-63/2020 dated September 2, 2020 has advised all its affiliated schools to adopt these guidelines for addressing the learning gaps in their students and optimise their learning achievement.

6. GUIDELINES FOR CHILDREN OF MIGRANT LABOURERS:

- Guidelines for Children of Migrant Labours focuses on providing admission to the in-migrant children in the nearby government schools without the requirement of submitting any document except an identity card.
- As per these guidelines, the residential school students should also be provided temporary admission in schools nearby their homes, as they may not go back to their residential schools during COVID19.
- These guidelines can be accessed at:
https://www.mhrd.gov.in/sites/upload_files/mhrd/files/Migrant%20labour%20guideline.pdf

7. COVID-19 RELATED HEALTH AND SAFETY SOP/GUIDELINES FOR SCHOOL RE-OPENING:

- After issue of MHA guidelines for unlock-5, on 5th October, 2020, this Department has issued detailed SOP/guidelines regarding health and safety precautions for reopening of schools.
- Part I of these guidelines refers to the health and safety aspects for reopening schools. These are based on the prevailing instructions of Ministry of Home Affairs, Ministry of Health and Family Welfare and Ministry of Education with regard to health and safety protocols, and are to be implemented by adopting/adapting in accordance with the local situation in all states/UTs.
- These guidelines can be accessed at:
https://www.mhrd.gov.in/sites/upload_files/mhrd/files/SOP_Guidelines_for_reopening_schools.pdf
- The Department along with NVS has also developed a SOP for re-opening of residential school incorporating the residential components in alignment with the SOP of MoE and guidelines of MHA.
- These guidelines are available at:
<https://drive.google.com/file/d/1LAc4iKQTqTJkNVDGc5glEDsrDGdAXwC8/view>

8. GUIDELINES FOR SCHOOL REOPENING ON LEARNING WITH SOCIAL DISTANCING

- Part-II of the Guidelines mentioned at Serial number 7 above refers to learning with physical/social distancing and the academic aspects that are to be taken care of with regard to the delivery of education, such as, curriculum transactions, instructional load, timetables, assessment, etc. after schools reopen.
- These are advisory in nature. States/UTs are expected to use these in the manner deemed fit to prepare their own guidelines.
- These guidelines can be accessed at These guidelines can be accessed at:
https://www.mhrd.gov.in/sites/upload_files/mhrd/files/SOP_Guidelines_for_reopening_schools.pdf

9. CONTINUOUS LEARNING PLAN (CLP):

- In the backdrop of uncertainty on the one hand, and the multiple innovative interventions on the other, the DoSEL had written to all states/UTs to undertake school-based child-wise planning or preparation of Continuous Learning Plans (based on an indicative format prepared by DoSEL) for ensuring continued learning for every learner.
- CONTINUOUS LEARNING PLANS or CLP for STATES/UTs has been initiated in all states/UTs. In the CLP, each school needs to have a Continuous Learning Plan for

each grade and each child. The Continuous Learning Plan for the unique requirements of each learner, or groups of learners, in the school education system is required to be resilient.

- The letter issued by this Department to the states/UTs for preparing their Continuous Learning Plan of states/UTs states that it would ideally consist of the following:
 - Child-wise mapping of full access, limited access or no access to any form of digital device for continuing learning.
 - Child-wise preparation of learning plans depending upon access or no access to device; this would include innovative steps for reaching the last learner.
 - Child-wise tracking and monitoring of progress of learning; separately for those who have access and for those who have no access to digital devices for learning.
 - Special planning for children of migrant labourers, CWSN, and children in schools in aspirational districts.
 - Innovative interventions for mental and physical health and well-being.
- NVS conducted survey on the availability of devices with students and mapped all the students to provide alternate learning plan in respect of students without devices.
- Mapping of Students for availability of devices was done in all Kendriya Vidyalayas also to plan for Synchronous and Asynchronous modes of academic transaction. Schools have worked out the accessibility issues of each student and all out efforts are being made to reach out to every student.
- These guidelines can be accessed at:
[https://ncert.nic.in/pdf/announcement/Learning %20Enhancement Guidelines.pdf](https://ncert.nic.in/pdf/announcement/Learning%20EnhancementGuidelines.pdf)

10. NCTE GUIDELINES FOR TEIs

- In addition to above NCTE has also issued Guidelines to Teacher Education Institutions (TEIs) to cope up with Covid-19 Pandemic situation.
- These Guidelines are available at:
[https://ncte.gov.in/WebAdminFiles/RecentAnnouncement/0 20 08 2020 637335320672297662.pdf](https://ncte.gov.in/WebAdminFiles/RecentAnnouncement/0_20_08_2020_637335320672297662.pdf)

TEACHER CAPACITY BUILDING

11. NISHTHA (NATIONAL INITIATIVE FOR SCHOOL HEADS AND TEACHERS FOR THEIR HOLISTIC ADVANCEMENT) ONLINE:

- As the name suggests this is an online capacity building programme for covering all 42,00,000 elementary school teachers and school heads of the country.
- This programme was conducted face to face before the pandemic. However, in its wake, this programme was contextualised to the needs of teaching and learning during the pandemic and made 100% online.
- In order to facilitate teachers to undertake online NISHTHA training, financial support up to Rs 1000 per teacher for procuring pen-drives, printing of modules and high-speed data-pack has been provided at elementary level on reimbursement basis and subject to successful completion of the training course.
- There are 18 modules in this programme: 12 for teachers, 5 for school heads and 1 specialised module on teaching and learning during COVID-19 times.
- Each module consists of guidelines, primers, training package with QR coded e-content, videos on each module, and other e-resources.
- NISHTHA Online for elementary teachers was launched on 6th October, 2020 and at present 3 Modules are live on DIKSHA.
- Key usage Metrics of NISHTHA courses on DIKSHA platform as on 22nd October 2020 are as follows:
 - 18 courses uploaded and 3 Live courses on each State/UT/Central Organization tenant in Hindi/English/Regional languages
 - 17 States/UTs and NCERT launched NISHTHA on 16th October 2020
 - 17 Cr+ learning sessions on DIKSHA
 - 30 Lakh enrolments across courses
 - 16 Lakh Digital Certificates have been issued to the teachers for completing the courses
- The details of the 18 Modules of NISHTHA can be accessed on DIKSHA as follows:

Sr.	Name of the Course (Medium: English)	Course URL / Link
1	Curriculum and Inclusive Classrooms	https://diksha.gov.in/explore-course/course/do_3130958316361646081366
2	Developing Personal-Social Qualities (PSQ) for Creating a Safe and Healthy School Environment	https://diksha.gov.in/explore-course/course/do_31309299100080537611231

3	Health and Well-being in Schools	https://diksha.gov.in/explore-course/course/do_31309298117735219211447
4	Integrating gender in the teaching learning process	https://diksha.gov.in/explore-course/course/do_31309298203149107211357
5	Integration of ICT in Teaching, Learning and Assessment	https://diksha.gov.in/explore-course/course/do_3130887995072839681228
6	Art Integrated Learning	https://diksha.gov.in/explore-course/course/do_31309426680632115211717
7	School Based Assessment	https://diksha.gov.in/explore-course/course/do_31309352558542848011350
8	Pedagogy of Environmental Studies	https://diksha.gov.in/explore-course/course/do_3130986708324761601265
9	Pedagogy of Mathematics	https://diksha.gov.in/explore-course/course/do_31309427486152294411916
10	Pedagogy of Social Sciences	https://diksha.gov.in/explore-course/course/do_31309428485455872011816
11	Pedagogy of Languages	https://diksha.gov.in/explore-course/course/do_31309504776588492812187
12	Pedagogy of Science	https://diksha.gov.in/explore-course/course/do_31309438608236544011901
13	School Leadership: Concepts and Applications	https://diksha.gov.in/explore-course/course/do_31309428926386176011846
14	Initiatives in School Education	https://diksha.gov.in/explore-course/course/do_31309438411992268811578
15	Preschool Education	https://diksha.gov.in/explore-course/course/do_31309439906432614411919
16	Pre-vocational Education	https://diksha.gov.in/explore-course/course/do_31309497206914252812180
17	Covid-19 Scenario: Addressing Challenges in School Education	https://diksha.gov.in/explore-course/course/do_31309505940769177611934
18	Understanding Rights, Child Sexual Abuse (CSA) and The Protection Of Children from Sexual Offences (POCSO) Act, 2012	https://diksha.gov.in/explore-course/course/do_31310560543064064013027

Sr.	Name of the Course (Medium: Hindi)	Course URL / Link
1	पाठ्यचर्या और समावेशी कक्षा	https://diksha.gov.in/explore-course/course/do_31311830477250560011677
2	स्वस्थ वद्यालयी परिवेश निर्मित करने के लिए व्यक्तिगत-सामाजिक योग्यता विकसित करना	https://diksha.gov.in/explore-course/course/do_3131179451048837121644
3	वद्यालय में स्वास्थ्य और कल्याण	https://diksha.gov.in/explore-course/course/do_31311795316885094411608
4	शिक्षण-अ धगम प्र क्रिया में जेंडर आयामों की प्रासंगिकता	https://diksha.gov.in/explore-course/course/do_31313333718230630411096
5	शिक्षण, अ धगम और मूल्यांकन में आई.सी.टी. (सूचना एवं संचार प्रौद्योगिकी) का समन्वय	https://diksha.gov.in/explore-course/course/do_31313406305859174411460
6	कला समेकित शिक्षा	https://diksha.gov.in/explore-course/course/do_3131333472438517761805

CBSE has adapted few NISHTHA courses for the teachers of its affiliated schools. Links for these modules in English Medium live on DIKSHA are as follows:

S.no	Course name	Diksha link
1.	CBSE Curriculum and Inclusive Classrooms	https://diksha.gov.in/explore-course/course/do_3131296946981601281563
2.	CBSE_Developing Personal-Social Qualities (PSQ) for Creating a Safe and Healthy School Environment	https://diksha.gov.in/explore-course/course/do_3131296956583034881581
3.	CBSE_Health and Well-being in Schools	https://diksha.gov.in/explore-course/course/do_31312969686736076811590
4.	CBSE_ वद्यालय में स्वास्थ्य और कल्याण	https://diksha.gov.in/explore-course/course/do_3131296993528545281821
5.	CBSE_स्वस्थ	https://diksha.gov.in/explore-course/course/do_31312969854631116811118

	वद्यालयी परिवेश निर्मित करने के लिए व्यक्तिगत- सामाजिक योग्यता वक सत करना	
6.	CBSE_पाठ्यचर्या और समावेशी कक्षा	https://diksha.gov.in/explore-course/course/do_31312969820347596812344

12. SPECIAL CAPACITY BUILDING OF TEACHERS ON HOW TO CONDUCT ONLINE CLASSES WHERE FEASIBLE

- CBSE, KVS and JNV undertook a massive exercise to build online teaching capacities of their teachers as soon as the lockdown started, to ensure continuity of learning through online means, wherever possible.
- In the process, CBSE has trained 4,80,000 teachers (during April-September 2020), KVS trained 15855 and JNV trained 9085 teachers all India. Training was also imparted by NVS to teachers regarding online assessment and GeoGebra.
- Several bite-sized modules were also prepared and disseminated post training to augment the capacities of teachers.
- In KVS, online training programmes organised by the Zonal Institutes of Education and Training focused on use of different learning platforms, developing & usage of various e-resources and online assessment of students.
- Special orientation for primary teachers and HMs in KVS was organised for sensitizing them on handling Class I students and conducting their classes online since they were admitted during Covid times and schools are not functioning.

TEACHER RESOURCES

13. ALTERNATIVE ACADEMIC CALENDAR:

- A week-wise plan for grades 1 to 12 has been developed in three languages by NCERT, keeping in view the choice of availability of tools with the teachers and students. This has been initially developed for 12 weeks.
- The week-wise plan consists of interesting activities and challenges, with reference to chapter/theme from the textbook. The activities are suggestive in nature, not prescriptive, nor is the sequence mandatory. Teachers and parents may opt to do the activities that the student shows interest in, irrespective of the sequence. In the case of children in the same family studying in different classes, siblings may jointly be involved in the same activity; if the activities cater to different cognitive levels, the elder sibling can guide the younger.
- Most importantly, it maps the themes with the learning outcomes.
- The purpose of mapping of themes with learning outcomes is to facilitate teachers/parents to assess the progress in students' learning. This may be done in a variety of ways i.e., asking questions, encouraging interaction, suggesting another activity of a similar kind, observing children's interest and participation in the activity, etc.
- Further, teachers may design activities on more themes (if required) based on the given learning outcomes. However, the focus remains on learning, rather than testing for scores.
- Links for e-resources have been provided along with the activities. Yet, if it is not possible for students to access these resources, the teacher may guide them through tele-contact to other reference sources such as dictionary, atlas, news headlines, storybooks, etc.
- The Alternative Academic Calendars for classes 1 to 12 are available at <https://ncert.nic.in/alternative-academic-calendar.php>
- CBSE had organised an online orientation programme on Alternative Academic Calendar on 17th July 2020 for its effective usage by the teachers. This programme was live streamed and viewed by around 2,55,000 teachers and principals.

14. SPECIAL RESOURCES FOR TEACHERS: LEARNING OUTCOMES MAPPED TO CURRICULUM:

- For promoting innovative teaching and learning during these difficult times, in the learning Enhancement Guidelines, states/UTs were advised that the curriculum and syllabus need to be analysed at the school level for mapping them with learning outcomes. Rather than following textbook content with rigidity, the learning of children at homes needs to be mapped with learning

outcomes and to the themes given in syllabus, and children are to be assessed accordingly.

- The Alternative academic Calendar of NCERT is also based on learning outcomes.
- In this backdrop, CBSE took up the task of mapping each of the Learning Outcomes laid down by NCERT (for all subjects and all grades) with the topics in the prescribed textbooks to facilitate teachers to further their understanding of competency-based education, and apply the same to their efforts during the pandemic.
- This document of mapped Learning Outcomes to the curriculum is available at http://cbseacademic.nic.in/web_material/Manuals/TeachersResource_LODoc.pdf

15. SPECIAL RESOURCES FOR TEACHERS: TEACHER ENERGIZED RESOURCE MATERIAL OR TERM:

- Instead of concentrating on completing prescribed textbooks, the need to focus on achieving learning outcomes and on developing competencies in students is being focused upon by promoting innovative teaching and learning during these difficult times.
- The Central Board of Secondary Education has developed ***Teacher Energized Resource Material (TERM)*** handbooks that will aid teachers in aligning their classroom transaction to a competency framework.
- To begin with these handbooks have been **developed for two subjects – science and mathematics – covering entire syllabus of grades 6 to 10.**
- Each chapter of the resource material corresponds to the respective chapters in the NCERT textbooks.
- The chapters have been chunked by concepts; these concepts have been linked to the NCERT Learning Outcomes; and an attempt has been made to delineate Learning Objectives for each chapter.
- Every chapter has a set of assessment items, where two items have been provided as examples for each learning objective. Teachers can use these to assess if the learner has acquired the related competency. Needless to say, the items are illustrative examples to demonstrate how competency- based items can be prepared to measure learning objectives and outcomes. The variety in item forms is suggestive of the ways in which a particular concept can be assessed to identify if the learner has attained different competencies.
- Key Metrics since launch in September 2020 are given below –
 - Total content plays for science TERM as on 22nd October' 2020 ~72K
 - Total content plays for maths TERM as on 22nd October' 2020 ~ 62K

- The 10 TERM documents are available on DIKSHA at: <https://diksha.gov.in/cbse/explore/1?key=TERM%20>
- Class wise and subject wise links are as follows:

Class	Subject	Link on DIKSHA
Class 6th	Math TERM	https://diksha.gov.in/cbse/play/collection/do_31308591501779763212417?contentType=TextBook
	Science TERM	https://diksha.gov.in/cbse/play/collection/do_31308590779378892812902?contentType=TextBook
Class 7th	Math TERM	https://diksha.gov.in/cbse/play/collection/do_31308591609155584014092?contentType=TextBook
	Science TERM	https://diksha.gov.in/cbse/play/collection/do_31308591078757990411833?contentType=TextBook
Class 8th	Math TERM	https://diksha.gov.in/cbse/play/collection/do_31308592228235673611854?contentType=TextBook
	Science TERM	https://diksha.gov.in/cbse/play/collection/do_31308591259558707212091?contentType=TextBook
Class 9th	Math TERM	https://diksha.gov.in/cbse/play/collection/do_31308591906657894412773?contentType=TextBook
	Science TERM	https://diksha.gov.in/cbse/play/collection/do_31308591350711091212093?contentType=TextBook
Class 10th	Math TERM	https://diksha.gov.in/cbse/play/collection/do_31308592034377728012774?contentType=TextBook
	Science TERM	https://diksha.gov.in/cbse/play/collection/do_31308591413832908812096?contentType=TextBook

16. SPECIAL RESOURCES FOR TEACHERS: MOOCS MODULES ON EXPERIENTIAL LEARNING AND COMPETENCY-BASED EDUCATION:

- In the changed scenario of the pandemic, the lockdown and subsequent phase wise un-lockdown, school children require to be actively engaged in joyful learning, if learning is to continue.
- Therefore, realising the urgent need for building capacities of teachers in this area, activity-based and highly engaging modules were prepared on the pedagogies related to experiential learning and competency-based education and the need to integrate real-life situations into the teaching and learning process.

These modules are available on DIKSHA at:

<https://diksha.gov.in/explore-course?selectedTab=course>,

<https://bit.ly/cbse-explrn-wb> and

<http://bit.ly/CompetencybasedEducation>

The specific links for the above modules are given below:

1.	Experiential learning	https://diksha.gov.in/learn/course/do_3130334599297433601498
2.	Competency based education Module 1	https://diksha.gov.in/learn/course/do_3130894695979417601426
3.	Competency based education Module 2	https://diksha.gov.in/learn/course/do_31310367666359500811445
4.	Competency based education Module 3	https://diksha.gov.in/learn/course/do_31312899791740928012413

17. OPEN EDUCATION RESOURCES (OERS) FOR TEACHER TRAINEES AND EDUCATORS AT TEIs PROVIDED BY NCTE:

- NCTE has also taken the initiative for uploading OERs on its official website www.ncte.gov.in and made it available free of cost for all stakeholders consisting of 28 areas /themes, covered under Teacher Education Courses.
- The areas covered and the links are as under:

s. n	Course	Online link
1.	Childhood and Growing Up Course	https://drive.google.com/file/d/1c_cl1HrrdMQqc9MJJlnsypa412Xr_nl8/view
2.	Contemporary India and Education	https://drive.google.com/file/d/1LG0ZPvMSj3jZiK30CICb-_KnfirNHRsv/view
3.	Learning and Teaching	https://drive.google.com/file/d/1b5fWA_dUTWFo3FvTKhzXrKYMq0i-MhvL/view
4.	Language across the Curriculum	https://drive.google.com/file/d/1V2Cg1ZMy4-0zOKq2LWVIQJ558-upiX80/view?usp=sharing
5.	Understanding Disciplines and Subjects Course	https://drive.google.com/file/d/1V80XvDLnGNvj10oKkzB767L_ug0jZJxn/view?usp=sharing

6.	Gender, School and Society	https://drive.google.com/file/d/19z9Oo0xBPZh0YfXQZuLqna5wf3dYXQ4a/view?usp=sharing
7.	Pedagogy of English, Hindi/Sanskrit, Maths, Science, Social Science, Economics	https://drive.google.com/file/d/1EN-_NwsHVcWh7euCXZwCs4lQI5-r05-S/view?usp=sharing https://drive.google.com/file/d/1MwttjdJTF6-7wNUjQy-derBiT33R0lEAl/view?usp=sharing https://drive.google.com/file/d/1DbAC4uU5gfgmrm2clhglQ6YmNfaoNqK3/view?usp=sharing https://drive.google.com/file/d/1eGST0FTHCwd5m5j49NnahRbAzNGgvU6t/view?usp=sharing https://drive.google.com/file/d/1kmn-YbF96CMnXfQlFkflJuOJQ387GNMB/view?usp=sharing
8.	Knowledge and Curriculum	https://drive.google.com/file/d/1TwcoQucVCpbsvNfCVnnOg7bjioqK705-/view?usp=sharing
9.	Assessment for Learning	https://drive.google.com/file/d/1a-oWljiQcHdGoD4smufnxNuCXvnAXPjQ/view?usp=sharing
10.	Creating an Inclusive School	https://drive.google.com/file/d/1AL1vlm-wPfpWocn9sC3f9NXZKmVA9ujx/view?usp=sharing
11.	Psychology of Learning and Development	https://drive.google.com/file/d/1baBFnnaSRoSvdEjR3_3nFR38ALHlnLoD/view?usp=sharing
12.	History and Political Economy	https://drive.google.com/file/d/1LG0ZPvMSj3jZiK30CICb_KnfirNHRSV/view?usp=sharing
13.	Education Studies	https://drive.google.com/file/d/19DsHwurAb1R6cqvIWKqcHlQqomtZr_Cr/view?usp=sharing
14.	Research Methodology	https://drive.google.com/file/d/1GtxiC3KMZs_9J_y4ceOdvrsiAd7E2eD8/view?usp=sharing
15.	Philosophy and Sociology of Education	https://drive.google.com/file/d/1JZ_Xqufdp3lZHui4H9qp0b6GGLR710c5/view?usp=sharing https://drive.google.com/file/d/1g9wMVeKEFp2fjFS1ZVF90wXoJQqARrJa/view?usp=sharing
16.	Curriculum Studies	https://drive.google.com/file/d/1lQualEeqmGTx6AEC4pTZlf0rEhDjo_ET/view?usp=sharing
17.	Teacher	https://drive.google.com/file/d/1OWzbct9iRWmYQdYWt9Hh

	Education	5YsTQ-h0xsi0/view?usp=sharing
18.	Early Childhood Care Education- ECCE	https://drive.google.com/file/d/1sJQ-v6I9fMrMkpHZd3XBMNIFASJRCAEz/view?usp=sharing
19.	Institutional Planning & Management of Secondary & Senior Secondary Education	https://drive.google.com/file/d/1NeM4XdJ6TvgA7nsBmPRD1u7pHLzZ-Ha/view?usp=sharing
20.	Universal Elementary Education	https://drive.google.com/file/d/1sJQ-v6I9fMrMkpHZd3XBMNIFASJRCAEz/view?usp=sharing
21.	Preparation of Secondary and Higher Secondary School Teachers- Pre-Service & In Service	https://drive.google.com/file/d/1NeM4XdJ6TvgA7nsBmPRD1u7pHLzZ-Ha/view?usp=sharing
22.	Educational Technology	https://drive.google.com/file/d/1mWWAtkcO2wncn2YYIQAc8AvUVM8uAP6i/view?usp=sharing
23.	Educational Administration	https://drive.google.com/file/d/1oYy3XTrk50Hn4EFMoMQKcv5iwAMmnX7V/view?usp=sharing
24.	Educational Measurement and Evaluation	https://drive.google.com/file/d/1a-oWIjiQcHdGoD4smufnxNuCXvnAXPjQ/view?usp=sharing
25.	Computer Education	https://drive.google.com/file/d/1mWWAtkcO2wncn2YYIQAc8AvUVM8uAP6i/view?usp=sharing
26.	Adult Education	https://drive.google.com/file/d/1o5JpwYLSpgOwuN7TAUryNje6uugBt2_n/view?usp=sharing
27.	Environmental Education & Disaster Management Education	https://drive.google.com/file/d/1EemL7D1b0_DnXckpiup8nC BZbrABrIF3/view?usp=sharing
28.	Human Rights and value Education	https://drive.google.com/file/d/1Ssu6webk7EgFBaC2oDFltMhTDpfjQLT4/view?usp=sharing

STUDENT RESOURCES

PM e-VIDYA:

- As a part of the Atma Nirbhar Bharat Programme, a comprehensive initiative for using Technology with Equity, called **PM e-VIDYA** has been initiated which unifies all efforts related to digital/online/on-air education to enable multi-mode access to education.
- PM e-Vidya has following components:
 - DIKSHA – One nation, one digital education platform
 - One class, one TV channel – Swayam Prabha
 - E-content for Open School
 - Extensive use of Radio, Community radio and podcast
 - E-content for visually and hearing-impaired students
- Each of the above components is being developed in such a manner that the same e-content available on one digital mode is also available on other digital modes.

19. DIKSHA (DIGITAL INFRASTRUCTURE FOR KNOWLEDGE SHARING) - ONE NATION, ONE DIGITAL EDUCATION PLATFORM:

- DIKSHA is the ‘one nation; one digital platform’ for school education on which 35 states and UTs have their own vertical along with those of NCERT, CBSE and NIOS of central government.
- DIKSHA can be accessed through a web-portal and mobile application.
- DIKSHA consists of e-learning content for students of grades 1 to 12 in 31 Indian languages.
- It also contains modules for capacity building of teachers uploaded in different languages by the states and centre.
- At present, DIKSHA has 100,000 pieces of e-content.
- DIKSHA consists of the following:
 - **QR coded textbooks for students and teachers (Energized Textbooks or ETBs):** All States that have on boarded DIKSHA, have QR coded many of their prescribed textbooks at relevant places, and tagged e-content to the code. This e-content is available on DIKSHA. So far 3144 textbooks of states and NCERT have been QR coded and tagged with approximately 80,000 pieces of e-content. This includes all 357 textbooks of NCERT. Over 450 million ETBs were printed and distributed to students by states/UTs and NCERT during this period.
 - **Self-learning materials of 54 subjects of NIOS at Secondary and Senior Secondary level** have QR code at relevant places, and tagged e-content to the code. This is uploaded on NIOS Website and will also be uploaded on DIKSHA portal.

- **Teacher Toolkit:** This consists of Learning Outcomes, Learning Outcomes mapped to curriculum, Pedagogies suggested by NCERT/SCERT, Hard spots identification and remediation, Teacher Energized Textbooks, manuals, etc.
- **Teacher Professional Development:** This consists of teacher training modules contributed by the Centre (18 modules of NISHTHA for elementary teachers), States and other partners authorized by DIKSHA.
- **E-Resources for Learners:** This consists of language wise, class wise, subject wise and topic wise content such as textbook chapter wise, explanation video by teacher for the given topic, videos on hard spots, slides, concept maps, additional resources for extra learning, test items, worksheets, etc. including e-content for Energized Textbooks, DIKSHA has over 100,000 pieces of e-content.
- **Coherent resources:** These resources are based on the idea of equity through technology and ensure that a student can access the same e-learning material from digital modes of delivery. These include the digital content that are used on TV channels and radio channels. So far, Gujarat, TN, Assam, Delhi and Odisha have launched coherent access
- **Specialized resources for teachers and learners:** This include resources related to PISA, items related to Creativity and Critical thinking, etc.
- **Multiple use cases of DIKSHA:** DIKSHA is also being used innovatively by different States; such as, for assessment by Andhra Pradesh, for parental engagement by Tamil Nadu, for national quiz programmes by CBSE and NCERT, for data capture and analytics for planning by Gujarat, for training of corona warriors by iGOT and Ministry of Health and Family Welfare, teacher training with certification in States like Uttar Pradesh and Madhya Pradesh, learn at home in Maharashtra etc. States/UTs are encouraged to use DIKSHA platform innovatively through their PMUs.
- **Chat Bot:** The TARA (Technology Aided Responses and Answers) Chat Bot can be used by States/UTs for a smooth navigation, interesting user experience and for ease of discovery of content.
- **Vidyadaan:** In April, 2020 **VidyaDaan** was launched as a national content contribution program that leverages the DIKSHA platform and tools to seek and allow contribution/donation of e-learning resources for school education by educational bodies, private bodies, and individual experts.
- **So far, 8592 pieces of content in English languages have been contributed to CBSE and 15,000+ pieces of content to states/UTs.**
- **Energized Schooling:** This facilitates state, school and class level monitoring of progress of individualized students through customization of courses and assessments to be completed by the students.

- **During the period of the pandemic from the month of March up till mid-October, DIKSHA has seen over 5000 million-page hits and over 450 million scans of QR e-content of textbooks.**
- 1140 JNV teachers are involved in creating E- content for DIKSHA. So far, 377 videos created by NVS teachers have been uploaded on DIKSHA portal.
- KVS has uploaded and published CCT practice items and videos on Maths & Science for classes VII to X of chapters 1 to 4 on DIKSHA portal under the project 'KVS- CCT Practice Items & CCL Videos'.
- Key Metrics- Total learning session since launch of DIKSHA are ~70 crore as on 18th October 2020:
 - 35 Cr + learning session have been contributed due to fast uptake and increased usage of content on DIKSHA across the country
 - 35 Cr +learning session have been contributed by digital teacher training
 - 20 lakhs + teachers
 - 300+ courses
 - 2 Cr + enrolments
 - 83% completion

20. ONE CLASS, ONE TV CHANNEL- SWAYAM PRABHA TV CHANNELS

- Swayam Prabha DTH channels are meant to support and reach out to those students who do not have access to the internet.
- In the Ministry of Education, a total of 32 channels are devoted to telecast high quality educational programmes. Of these, 12 TV channels are earmarked for the one class, one TV channel under the Atma Nirbhar Bharat Programme for the Department of School Education and Literacy.
- **12 PMeVidya DTH TV Channels** started functioning for School Education on beta/pilot run w.e.f. 01.09.2020.
- Before trial run of PM e-Vidya since 1st September 2020, CIET-NCERT supported states to telecast their curriculum-based video programs on SWAYAM Prabha DTH-TV Channel #31.
 - Haryana started telecasting their two hours content from 20th April, 2020 daily on SWAYAM Prabha ch #19.
 - Uttar Pradesh started telecasting their two hours content from 1st May, 2020 daily on SWAYAM Prabha ch #22.
 - Assam started telecasting their two hours content from 24th May, 2020 daily on SWAYAM Prabha ch #23.
 - Punjab started fresh telecast of their content at evening as well covering 4 hours of telecast daily from 28th May, 2020 daily on SWAYAM Prabha ch #20.

- The 12 TV channels are offered to states as well for telecasting their e-content in local language. Beta version Telecast **for States on PM eVIDYA Channels** (Trial run) so far is as follows:

State	Telecast with effect from date	Class	Total time
Punjab	4th September, 2020	Class 6 PM eVidya channel	53 hours of programmes (1hour daily)
		Class 7 PM eVidya channel	53 hours of programmes ((1 hour daily)
		Class 8 PM eVidya channel	53 hours of programmes (1 hour daily)
		Class 12 PM eVidya channel	53 hours of programmes ((1 hour daily)
Assam	5th September, 2020	Class 6 PM eVidya channel	26 hours of programmes (1/2 hour daily)
		Class 7 PM eVidya channel	26 hours of programmes (1/2 hour daily)
		Class 8 PM eVidya channel	26 hours of programmes (1/2 hour daily)
		Class 9 PM eVidya channel	26 hours of programmes (½ hour daily)
		Class 10 PM eVidya channel	26 hours of programmes (1/2 hour daily)
		Class 12 PM eVidya channel	52 hours of programmes (1hour daily)
Uttar Pradesh	7th September, 2020	Class 9 PM eVidya channel	50 hours of programmes (1 hours daily)
		Class 11 PM eVidya channel	50 hours of programmes (1hours daily)

21. E-CONTENT ON DIKSHA, MOOCS ON SWAYAM AND CONTENT ON SWAYAM PRABHA FOR OPEN SCHOOLS BY NIOS:

- Online MOOC courses relating to NIOS (grades 9 to 12 of open schooling) are uploaded on SWAYAM portal
- Around 92 courses have started and 1.5 crore students are enrolled. Students and teachers can access all the course modules - text, videos and assessment questions etc. through SWAYAM.
- Till date 1,125 content of NIOS is mapped class wise and chapter wise with NCERT textbooks** for the subjects Science, Social Science, Languages,

Mathematics, Accountancy & Business Studies, History etc. and 626 e-Content from NIOS is uploaded on DIKSHA.

- NIOS has also started imparting daily 8 hours live programme 4 hours each on **PM eVidya** channels for classes 10 and 12 for providing continued learning support for learners at Secondary and Senior Secondary level including Vocational Courses and Indian Sign Language-based content w.ef. 01.09.2020. Till now, more than 370 live sessions are already broadcast for learners of NIOS.
- Earlier, from 7th April to 31st August 2020, NIOS imparted 8 hours live sessions every day including holidays, Saturdays and Sundays for secondary and senior secondary level on Swayam Prabha – Panini (Secondary) and Sharda (Senior Secondary) channels. During this period, 570 live sessions were telecast to provide continued learning support to learners. NIOS guidance and counselling sessions through live video programme were also organised where students interacted with experts. Special sessions on Yoga, Music and Painting were also held to destress the learners and engage them in co-curricular activities.
- As a convergence effort, 59 Teachers of NVS broadcasted 256 online classes in SWAYAMPRAHA channel.

22. EXTENSIVE USE OF RADIO, COMMUNITY RADIO AND PODCASTS

- Radio broadcasting is being used for children in remote areas who are not online.
- NCERT is producing high quality audio/radio programs with effective media treatment such as apt music, sound effects and involvement of seasoned and refined artists of good repute in the media world.
- These Radio Programmes are also available at:
<https://ciet.nic.in/radio.php?&ln=en&ln=en>
- These radio programs are mainly produced in Hindi, English, Sanskrit and Urdu.
- The programs are produced under 2 major categories –
- Curriculum based audio programs from classes 1 to 8.
- Enrichment, infotainment and edutainment programs.
- In all there are about 2000 audio-radio programmes produced by CIET-NCERT in Hindi, English, Urdu and Sanskrit.
- For the purpose of Coherence, these programmes are regularly disseminated through DIKSHA, ePathshala and NROER portal and mobile apps and are broadcast by 12 Gyan Vani FM Radio Stations, i-Radio, Jio Saavn mobile app.
- Audio programs are broadcast daily for 1 hour from GYANVANI-FM for 30 minutes in the forenoon and 30 minutes in the afternoon.
- Out of these 220 programmes are shared with 60 Community Radio Stations (CRS) across the country based on the needs of CRS. About 800 radio programmes have been shared with All India Radio (AIR) for its appropriate dissemination.

- A Podcast called Shiksha Vani of CBSE is being effectively used by learners of grades 9 to 12. It contains over 430 pieces of audio content for all subjects of grades 1 to 12.
- NIOS has made provision for Podcasting its curriculum related contents at secondary and senior secondary level courses through Mukta Vidya Vani (MVV). Daily 2 live PCP are transacted through MVV which are also repeated consequently. To make these PCPs interactive, a toll-free number, 18001802453, and phone number 0120-4626949 were provided to get questions directly from the learners to the Academic Officers/Course Coordinators conducting live sessions as per the schedule. Learners can also email their subject related queries through Mukta Vidya Vani. These PCPs are also being broadcast live on NIOS community Radio, Radio Vahini FM 91.2 MHz.
- 289 Community Radio Stations have also been used to broadcast content for NIOS for grades 9 to 12.
- Kendriya Vidyalaya teachers have created resources like explanation videos, practice content items, etc. and contributed them to VidyaDaan 2.0. So far 5310 pieces of content in two (English and Hindi) languages have been contributed to CBSE for VIDYADAAN 2.0 by KVS of which over 2000 have been selected.
- Nearly 600 Podcasts in various subjects for classes VI to IX were prepared by Kendriya Vidyalaya teachers which have been provided on Google Drive to CBSE & MoE.

23. E-CONTENT FOR VISUALLY AND HEARING-IMPAIRED STUDENTS:

- One DTH channel is being operated specifically for hearing impaired students in sign language.
- For visually and hearing-impaired students, study material has been developed in Digitally Accessible Information System (DAISY) and in sign language; both are available on NIOS website/ YouTube.
- 55 NCERT textbooks of different grades are uploaded on DIKSHA in audio format.
- 82 sign language videos for CWSN are uploaded on DIKSHA portal by NIOS.
- 10 Videos for CWSN from CIET have been uploaded on DIKSHA portal
- 25 NCERT textbooks have been converted into DAISY format which is mostly in English and Hindi language.
- One hour programme in sign language for secondary and senior secondary level content of NIOS are being broadcast on PM eVidya channel 10 from September 1, 2020.

24. E-TEXTBOOKS AND NATIONAL REPOSITORY OF OPEN EDUCATIONAL RESOURCES (NROER):

- In the wake of the pandemic the NROER e-resources are being converged on DIKSHA through a systematic taxonomy and user-friendly search systems, to give shape to one nation, one digital education platform.
- These are also available at: <https://nroer.gov.in/home/e-library/>
- During the pandemic period, the e-textbooks are also converged on DIKSHA to give a seamless experience to the user through a single platform.
- The NCERT e-textbooks can be accessed using e-Pathshala (<https://epathshala.nic.in/>) web portal and mobile app (Android, iOS, Windows).
- More than 600 digital books including 377 e-textbooks (grades 1 to 12) and 3,500 pieces of audio and video content of NCERT are available in the public domain in various languages (Hindi, English, Sanskrit and Urdu).
- NROER is an open storehouse of e-content. Nearly 17,500 pieces of e-content are available for all grades for various school subjects.

25. OLABS:

- It was realised that along with classroom learning, senior children are also missing out on the practical aspects of subject learning during the pandemic related school closure.
- Through a tie-up with Online Virtual Labs (OLabs), practicals related e-content has been made available for senior students.
- It is based on the idea that lab experiments can be taught using the Internet, more efficiently and less expensively. The labs can also be made available to students with no access to physical labs or where equipment is not available owing to being scarce or costly. This helps them compete with students in better equipped schools and bridges the digital divide and geographical distances.
- The experiments can be accessed anytime and anywhere, overcoming the constraints on time felt when having access to the physical lab for only a short period of time. These are available at <http://www.olabs.edu.in/>.
- The features include:
 - Content aligned to NCERT/CBSE and State Board Syllabus.
 - Physics, Chemistry, Biology Labs from Class 9 to Class 12; English and Maths lessons for Class 9 and 10.
 - Interactive simulations, animations and lab videos.
 - The concepts and understanding of the experiment.
 - The ability to perform, record and learn experiments - anywhere, anytime, and individualised practice in all areas of experimentation.

- Training to handle classes through OLAB was organised by NVS, covering 2437 Teachers of JNVs
- CBSE also organised virtual training for the Mathematics, Biology, Physics and Chemistry teachers of its affiliated schools on Olabs in which 22,000 teachers participated.

26. COMIC BOOKS FOR STUDENTS FOR IMBIBING 21ST CENTURY SKILLS:

- To ensure that learners continue their learning through joyful means and also acquire/augment 21st century skills even during the pandemic, two comic books were released online for school going children by CBSE.
- One comic book is named **Cogito**, and it masterfully helps the learner imbibe critical thinking skills through the storyline.
- Cogito is available on the CBSE website at:
http://cbseacademic.nic.in/web_material/ComicBooks/Cogito.pdf
- Cogito is also available on DIKSHA at:
https://diksha.gov.in/resources/play/collection/do_3130299686648299521293?contentType=TextBook
- The other comic book is entitled **The Question Book**, and it helps the learner understand the competency related to problem solving through the story of two students, who continuously discover their own competencies that they were not even aware of.
- The Question Book comic book is available on CBSE website at:
http://cbseacademic.nic.in/web_material/ComicBooks/The_Question_Book.pdf
- **The Question Book** is also available on DIKSHA portal at:
https://diksha.gov.in/resources/play/content/do_3130583835496693761643
https://diksha.gov.in/cbse/play/content/do_31304014477524992011150?contentType=Resource
- Key Metrics – Total content plays as on 22nd October’ 2020- 3 lakh+

27. PRACTISE BOOK ON MATHEMATICAL LITERACY BY CBSE:

- Mathematics is a subject where highest learning loss can be expected during the period of school closure.
- Keeping this in mind, CBSE came out with a unique Workbook – **A Little Mathemagic** – a practise book for students for enhancing critical and creative thinking skills.
- This book is meant for elementary school children and it takes the child through the world of mathematics through stories, adventure, fun and humour.
- The idea was to not only ensure continuity in learning, but also to generate a life-long interest in mathematics and mathematical thinking.
- This book is available at:

http://cbseacademic.nic.in/web_material/Manuals/math-literacy.pdf

- It is also available on DIKSHA at:
https://diksha.gov.in/cbse/play/content/do_31312396083816857611177?contentType=PracticeResource
- Key Metrics – Total content plays as on 22nd October' 2020- 18K+

28. WORKSHEET BY NIOS FOR SECONDARY AND SENIOR SECONDARY LEVEL LEARNERS:

- The learners enrolled at the secondary and senior secondary levels at NIOS largely study at a distance, with only occasional contact with the subject teachers at their Study Centers (Accredited Institutes). The contact sessions at the AI provide these learners with the academic support in the form of problem-solving sessions. The learners have the flexibility to attend the contact sessions as per their need.
- Looking at the situation created by the ongoing pandemic in the country, the NIOS learners are unable to attend the contact session. It thus becomes imperative to provide academic support to learners and keep them academically engaged through constant practice. In this regard, NIOS has developed worksheets in 44 subjects at secondary and senior secondary level.
- These worksheets have open-ended questions only.
- These are exploratory in nature and help in developing problem solving skills/creative thinking/life skills; in the form of project work that engages learners in some activity, etc.
- These worksheets are available at:
<https://www.nios.ac.in/online-course-material/secondary-courses.aspx>
<https://www.nios.ac.in/online-course-material/sr-secondary-courses.aspx>

29. CONTINUING PISA RELATED CAPACITY BUILDING THROUGH ONLINE MODES:

- India has decided to participate in PISA for the second time, the first time being in 2009.
- Due to the pandemic, the next PISA test has been postponed from 2021 to 2022. However, capacity building of teachers and students from the participating UT and organisations (Chandigarh, KVS and JNV) continued in innovative ways.
- A weekly practise of creative and critical thinking is undertaken through release of 5QAW or Five Questions A Week. These questions are competency-based and not based on textbooks.

- The Creative and Critical Thinking Practise was held through online mode, WhatsApp mode, in peer groups, and even through pen and paper mode by sending the Practise sheets to the homes of children.
- Weekly online CCT is regularly conducted by NVS to promote the skills of JNV students to face PISA.
- In KVS, various innovative measures have been adopted by teachers to nurture the creative and critical thinking skills of students and enhance their reading comprehension and speed.
- Over 900 CCT practice items mapped to the learning outcomes of the NCERT curriculum of classes VII to X have been disseminated in this period across all Kendriya Vidyalayas to hone the CCT skills of students.
- A webinar series for orienting parents of the students of the schools under Chandigarh Administration on Creative and Critical thinking (CCT) were organised by CBSE in the month of September 2020. Approx. 1,04,776 parents attended the programme.
- 5QAW for Creative and Critical Thinking Weekly Practice is available at: https://diksha.gov.in/play/collection/do_31290608850520473612338?contentType=TextBook
- Key Metrics –
 - Total unique devices from June'2020 till 18th October' 2020- 1.49 lakhs
 - Total content plays from June' 2020 till 18th October' 2020- ~5 lakhs
 - Total duration of plays from June' 2020 till 18th October'2020- ~16,000 hours

30. CYBER SAFETY AND CYBER BULLYING:

- There has been a sudden and unprecedented expansion in online activities not only by teachers, but also by schools, during the pandemic. This expansion brings with it, the possibilities of cyber bullying and also throws up issues of cyber safety, particularly for young users.
- With this background in mind, a student-friendly Handbook on Cyber Safety – for students of secondary and senior secondary schools, has been prepared by CBSE.
- This handbook contains content in very engaging and simple formats, with e-content tagged to QR codes at several places to augment the understanding of the student further.
- This Handbook is available at: http://cbseacademic.nic.in/web_material/Manuals/Cyber_Safety_Manual.pdf.
- NCERT has also come out with a set of solutions to tackle cyber-bullying.

- These are available at-
https://ncert.nic.in/pdf/announcement/Safetolearn_English.pdf
https://ncert.nic.in/pdf/announcement/Safetolearn_Hindi.pdf
<https://ciet.nic.in/pages.php?id=booklet-on-cyber-safetysecurity&ln=en>
<https://ciet.nic.in/upload/cyber%20safety%20and%20security.pdf>
https://diksha.gov.in/resources/play/content/do_3131381879332208641162_1
- In order to bring awareness on these issues, online training on Cyber Safety was organised by NVS for 702 Teachers during the COVID period.

31. CBSE EXPRESSION SERIES FOR STUDENTS:

- In order to provide a platform to students to creatively express their ideas/ views, CBSE conducted an Expression Series from 15th June to 15th July 2020.
- The theme was - THINKING INNOVATIVELY IN UNPRECEDENTED TIMES LIKE COVID-19.
- 3,43,984 students from 1336 schools participated in this Expression Series.

FOCUS ON MENTAL AND EMOTIONAL HEALTH

32. MANODARPAN for psychosocial support:

- The Ministry has, undertaken an initiative, named '**MANODARPAN**' covering a wide range of activities to provide psychosocial support to students, teachers and families for Mental Health and Emotional Wellbeing during the COVID outbreak and beyond.
- A Working Group, having experts from the fields of education, mental health and psychosocial issues as its members, has been set up to monitor and promote the mental health issues and concerns of students and to facilitate providing of support to address the mental health and psychosocial aspects during and after COVID-19 lockdown, through counselling services, online resources and helpline.
- The aim of Manodarpan is to help students to live their lives happily, effectively and productively and become resilient over time with the help of life skills even in the face of challenges and roadblocks. Under the initiative, students from Schools/University/Colleges/Institutions of Higher Education are being covered.
- The following components are included in the Manodarpan initiative:
 - **Advisory Guidelines** for students, teachers and faculty of School systems and Universities along with families.
 - **Web page on the Ministry of Education's website**, which carries advisory, practical tips, posters, videos, do's and don'ts for psychosocial support, FAQs and online query system.
 - The webpage is available at:
<http://manodarpan.mhrd.gov.in/>
and <https://cbse.nic.in/newsite/index.html>
 - **National Toll-free Helpline** by the Ministry of Education for a country wide outreach to students from school, universities and colleges. This unique helpline is manned by a pool of experienced counselors/ Psychologists and other mental health professionals and will continue beyond the COVID-19 situation.
 - **National level database and directory of counsellors** at School and University level whose services can be offered voluntarily for Tele-Counselling Service on the National Helpline is being prepared.
 - **Interactive Online Chat Platform** for contact, counselling and guidance by psychologists and other mental health professionals is being developed for students, teachers, and families during COVID-19 and beyond.
 - **Webinars, audio-visual resources including videos, posters,**

flyers, comics, and short films will also be uploaded as additional resource materials on the webpage. Crowd sourcing from students all over the country will be encouraged as peer support.

- The 'Manodarpan' initiative has been included in the ATMANIRBHAR BHARAT ABHIYAN, as a part of strengthening human capital and increasing productivity and efficient reform and initiatives for the Education sector.
- The initiative was inaugurated by the Union Minister of Education on the 21st July, 2020. The Hon'ble Minister of Education also launched the National Toll-free Helpline (**8448440632**). A total of about 7098 calls have been received on IVRS from 21st July, 2020 to 11th October, 2020.
- Psychological support is being provided by engaging counsellors to all the students of JNV and their parents for mental health and well being through NVS toll free number 1800-180-7992.
- In JNVs, 200 teachers trained by NCERT on Guidance and Counselling are also engaged in providing counselling to students. In addition, every House Master and Principal are also talking to students regularly for their psychological support.
- CBSE vide Circular No. Acad-51/2020 dated July 22, 2020 has requested the heads of all its affiliated schools to disseminate information about this facility to students, parents and teachers of their respective schools to help students if they feel like getting expert advice on mental health issues.

33. HANDBOOK ON 21ST CENTURY SKILLS:

- This has been prepared by CBSE in the wake of the pandemic.
- With the onset of the 21st century, the entire world has witnessed an era of intense transformation in all areas, whether it is education, global trade and economy, technology or society. The covid-19 pandemic is also throwing up challenges for an individual to cope with its impacts.
- Naturally, for such times, a different skill-set is required that would enable an individual to cope-up and succeed in facing the challenges in real-life, leading to his holistic progress.
- These skills are addressed as 21st Century Skills/ Learning Skills/ Transversal Competencies etc.
- Thus, this handbook focuses on 21st Century Skills or the skills that are required by an individual for his/ her holistic development so that he/she can cope with challenges and contribute to the progress and development of his society/ nation and world.
- This Handbook is available at:
http://cbseacademic.nic.in/web_material/Manuals/21st_Century_Skill_Handbook.pdf

34. MENTAL HEALTH AND WELL BEING MANUAL:

- This manual prepared by CBSE emphasises on the importance of Mental Health and Well Being and encapsulates the role of school, family and community while covering other significant aspects related to Health conditions, risk factors and challenges in adolescent period.
- There is a dedicated chapter on psychological support amidst COVID-19 covering Self Care, positivity, dealing with fear and anxiety, dealing with stigma, importance of social support and staying connected.
- This Manual is available at:
<https://cbse.nic.in/newsite/attach/CBSE%20MH%20Manual.pdf>

35. NCERT COUNSELLING SERVICES FOR SCHOOL CHILDREN:

- NCERT has taken various steps to reach out to school students and their primary stakeholders (parents and teachers) for helping them to maintain their mental and emotional well-being during the present times of COVID-19 pandemic.
- To help school students across the country share their concerns and seek help to deal with stress, anxiety and related mental health concerns during and after COVID-19, 'NCERT Counselling Services for School Children' was started in April, 2020 on phone/email through its trained counsellors. This service was provided free of charge by about 270 counsellors across different regions of the country.
- Live interactive sessions 'SAHYOG: Guidance for Mental Well-Being of Children' are telecast to deal with providing guidance on handling stress and related concerns of students. These sessions are being held by school counsellors and Experts on SwayamPrabha channel daily from 5.00pm to 5.30pm.
- To augment Alternative Academic Calendar (AAC), sessions at primary, upper primary and secondary stages are held on SwayamPrabha Channel include topics related to mental health concerns of children.
- Guidelines to address the mental health concerns such as dealing with stress and anxiety have been developed for Students, teachers and parents. These are for elementary and secondary stages and have been included in the Alternative Academic Calendar (AAC).

36. TELE-COUNSELLING BY CBSE RELATED TO PRE-BOARD EXAM, POST-RESULT PERIOD, AND STUDENTS OF RESIDENTIAL SCHOOLS

- CBSE arranged pre-exam and during pandemic it also arranged post-result toll-free tele-counselling for its students in its 22nd edition.
- 75 counsellors and principals in India and 22 in other countries such as Japan, Oman, Saudi Arabia, Nepal, Kuwait provided voluntary service and continued

to do so during the pandemic as well.

- CBSE also provided assistance and psychological counselling to 14000 students of boarding schools affiliated with the Board till 15th April 2020, by establishing contact with the residential schools and their school management. Tele-counselling numbers were informed to all schools and given to each child who had stayed back in hostel.
- Due to the corona pandemic, CBSE started an additional Toll-Free Tele Helpline on CORONA VIRUS safeguards for students as well as general public and provided guidance on preventive care and counselled them about their fears and concerns.
- The Board started IVRS facility on Toll free number to enable public to access information anytime, anywhere and even multiple times. The students/parents/stakeholders could listen to pre-recorded useful information on COVID -19.
- With a view to promote coping skills, Audio-visual presentations on issues affecting mental health during this crisis were available for masses on Aggression, Internet Addiction Disorder, Depression, Exam Anxiety, Substance Use Disorder, Life Skills on official YouTube and Facebook handles of CBSE.

37. OBSERVATION OF MENTAL HEALTH WEEK (FROM 4TH TO 10TH OCTOBER 2020):

- The CBSE affiliated schools observed Mental Health Week from 4th to 10th October, 2020 on the occasion of World Mental Health Day on 10th October, 2020.
- During the Mental Health Week, following competitions were organised by the schools in an online mode to create awareness on mental health and well-being amongst the students:
 - a. Story Telling by Teachers
 - b. Poster Making and Slogan Writing by Students

687 schools observed the mental health week in which 89228 students participated in poster making competition, 773080 students participated in slogan writing competition and 10,055 teachers participated in story telling competition.

FOCUS ON NUTRITION AND PHYSICAL HEALTH AND FITNESS

38. MID-DAY MEAL:

- Schools in many States and Union Territories have been closed as a precautionary measure to protect the students from Novel COVID-19 (Corona) virus. Under such extra ordinary circumstances, the Central Government decided to provide Mid-Day Meal to meet the nutritional requirements of the eligible children under Mid-Day Meal Scheme in order to safeguard their immunity.
- The State Governments and Union Territories are advised to provide to every eligible child , hot cooked Mid-Day Meal or Food Security Allowance, consisting of quantity of the food grains as per entitlement of the child and cooking cost prevailing in the State, whichever is feasible, till such time their schools are closed due to Novel COVID-19 (Corona) Virus and also during summer vacation in 2020-21.
- The most suitable modalities in accordance with the prevailing circumstances for this purpose, are to be decided by the respective States and UTs. The ad-hoc grant released and food grains already allocated to the States and UTs are to be utilized for this purpose. States and UTs have also been advised that all the precautionary measures to face the situation arising out of Novel COVID-19 (Corona) virus, as advised by the Central and State Governments are to be followed.

39. FOCUS ON FITNESS AND HEALTH:

- CBSE partnered with FIT INDIA movement to engage students in various online live sessions of physical activities arranged for their physical wellbeing.
- Most of these live sessions were conducted by popular sportspersons of national and international repute to inspire children to inculcate a discipline of physical fitness even while confined to their homes during the lockdown.
- These videos can be accessed at: [Fit India Movement You Tube Channel](#).
- Sports teachers of all 645 JNVs conduct live sessions and regularly give exercises and practice schedule to students for their fitness.
- CBSE introduced a new subject at secondary level in class IX from the present academic session viz. Physical Activity Trainer.
- In KVS, online sessions on fitness training and Yoga were conducted to instil the importance of physical fitness in students.
- Students of Kendriya Vidyalayas actively participated in all the online activities under FIT India programme viz -Quiz, Freedom run, Plogging etc.

40. SENSITIZATION PROGRAMME(S) FOR PARENTS AND TEACHERS:

- CBSE conducted multiple Sensitization Programme(s) for parents and teachers on the need for ensuring continuous learning and skill promotion for their child/wards/students during this period.
- Awareness programme was conducted for the Principals, teachers and members of School Management on the new subject introduced by CBSE at secondary level (in class IX) viz. Physical Activity Trainer on 19th August 2020.
- Sensitization Programme on 'Importance of Physical Fitness in a student's life' with Mr. Pulela Gopichand was conducted on 4th September 2020.
- Second sensitization programme on 'Importance of Physical Fitness in a student's life' is scheduled on 30th October 2020 with Arjuna Awardee Table Tennis player, Ms. Monalisa Barua.

REDUCING THE BURDEN AND STRESS OF EXAMS

41. ART INTEGRATED LEARNING (AIL) TO ADDRESS STRESS ISSUES RELATED TO SCHOOL COURSE/SYLLABUS/CURRICULUM:

- CBSE introduced mandatory Art-Integrated Project work for classes I to X to promote Art-Integrated Learning in schools to make teaching-learning Competency-Based and joyful.
- As part of this, at least one Art-Integrated Project in each subject shall be taken up by all students of classes IX and X from the academic session 2020-21, and students of classes I to VIII will also be encouraged to take at least one Art-Integrated Project (trans-disciplinary project) in a given academic year.
- The objective of AIL is not to promote arts and skills of arts but to use art as a tool to teach other subjects. The focus here is to accept arts as medium of the learning process, where subject teachers make use of simple art forms in the classrooms, and give opportunities to students to enjoy planned art activities. While learners experience the beauty of arts through this process, they also learn and articulate the core concept of different subjects and apply it in daily life in a joyful manner.
- CBSE circular in this regard is available at:
https://cbse.nic.in/newsite/attach/Art_Integration_Circular.pdf
- Creative teachers of Art and Music of all JNVs have also contacted students and given practice session to improve skill of Art & Music along with addressing stress related issues.
- In order to promote experiential learning and connecting knowledge to real life situations teaching of core-subjects was integrated with different Art forms in all Kendriya Vidyalayas through their online sessions. Online sessions were organized in Visual/Performing/Creative Art forms to involve students in creative pursuits.

42. RATIONALISATION OF SYLLABUS FOR SUMMATIVE EXAMINATIONS:

- CBSE has reduced the syllabi only for the purpose of board examinations to the extent of thirty percent. This has been done in view of change in the mode of conduct of classroom transaction which is new both for parents and teachers.
- This reduced syllabus will be applicable only for Board examinations to be held in 2021.

43. PERMANENT DISCONTINUATION OF THE USAGE OF THE WORD “FAIL” BY CBSE FROM ITS EXAMINATION EVALUATION SYSTEM:

- The pandemic has impacted the emotional and mental well-being of students to a very large extent. At a tender age, children are having to deal with emotions such as fear, confusion, feeling of isolation, etc. some children have also had to deal with the loss of family members.
- The Board while reviewing its policies with regard to results of board exams, decided to do away with the word “Fail” from its result certificate of students.
- Instead the word “Essential Repeat” has been decided as a policy by CBSE.
- No child who took the Board exams in 2020 was given a mark-sheet with the words “Fail” on it.
- The change has been reflected in the certificate of the students who appeared for Board Examinations 2020.

LEARNING FROM EACH OTHER

44. EXCHANGE OF BEST PRACTISES:

- The best practises of the States and UTs for the education of children during the COVID period were discussed during VCs held with states/UTs by Secretary DoSEL.
- Subsequently, these were shared by states/UTs with DoSEL and DoSEL in turn has circulated these best practises to all states/UTs.
- These best practises relate to the innovative modes of reaching the last child by the states/schools/teachers/community/volunteers/peers/etc. to ensure continuity in learning.

45. INDIA REPORT- DIGITAL EDUCATION JUNE 2020:

- Ministry of Human Resource Development has initiated many projects to assist teachers, scholars and students in their pursuit of learning like DIKSHA platform, Swayam Prabha TV Channel, Online MOOC courses, On Air – Shiksha Vani, DAISY by NIOS for differently-abled, e-PathShala, National Repository of Open Educational Resources (NROER) to develop e-content and energized books, telecast through TV channels, E-learning portals, webinars, chat groups, distribution of books and other digital initiatives.
- Besides, the central initiatives State/ UT Governments have also managed the critical task of providing digital education at the door step of the students. Some of the major ways of connecting to the students were by using social media tools like WhatsApp Group for all the classes, Online classes through YouTube channel, Google meet, Skype etc., E-learning portal, TV (Doordarshan & regional channels), Radio (AIR), IVRS, etc.; use of Diksha was most prominent choice of all the stakeholders.
- This report summarizes some of the main initiatives of the center and the states/UTs undertaken by them during the pandemic period.
- The report can be accessed here:
https://mhrd.gov.in/sites/upload_files/mhrd/files/India_Report_Digital_Education_0.pdf

COMMUNICATING WITH STAKEHOLDERS

46. COMMUNICATION CAMPAIGN-PUBLIC HEALTH RESPONSE TO COVID-19-APPROPRIATE BEHAVIOUR:

- It is decided to organize a campaign titled “Public Health Response to Covid-19-Appropriate Behaviour” in all schools across the country. In this regard, a VC meeting was held with States, UTs and other stake holders on 1.10.2020 to disseminate the information on the campaign.
- Accordingly, Action Plan was prepared and shared with States and UTs for implementation in all schools around the country. The action plan included suggested roles and responsibilities of the various stakeholders for the campaign. All States and UTs have been asked to appoint a Nodal Officer at State level and district level to coordinate the implementation of the campaign.
- As a part of this communication drive all schools are conducting PTA meetings virtually or with social distancing and are also incorporating COVID appropriate behaviour in classroom transactions.
- The IEC material including the pledge was received from Ministry of I&B on 7th October, 2020 which has been shared with the Nodal Officers of the States and UTs.
- In the Department of School Education & Literacy, a Pledge was administered by the Hon’ble Shiksha Mantri on 8th October, 2020 in the Conference Hall, Shastri Bhawan, New Delhi.
- As per information received from states/UTs upto 31.10.2020, IEC material has reached 1.77 crore students, 1.35 lakh schools, 7.48 lakh teachers and other education stockholders. Teachers from various States/UTs have conducted 3.38 lakh special PTA for communicating precautions for Covid 19. 29.61 lakh teachers from States/UTs have integrated Covid 19 presentation in online/offline classes for students. States/UTs have displayed IEC material on more than 4,109 websites.
- All the 645 JNVs are giving wide publicity in the awareness Programme “Health Response COVID-19 Appropriate Behaviour” by displaying banners, distributing the pamphlets, holding special parent-teacher meetings, and holding creative activities. As on date, 116440 students and 116440 parents have been contacted to spread the messages of wearing mask, hand washing and physical and social distancing.
- In KVS, campaigning has been undertaken in all 1230 Kendriya Vidyalayas to sensitize stakeholders about the importance of following new social behavioural norms related to the pandemic. Around 11 Lakhs stakeholders and 10 Lakhs students have been contacted, and more than 25000 teachers have held special PTA meeting to spread awareness about the campaign. Around 30,000 teachers have integrated information for creating awareness about COVID-19 in their online and offline classes.