

मानव संसाधन विकास मंत्रालय, भारत सरकार के अधीन एक स्वायत्त संगठन)

CENTRAL BOARD OF SECONDARY EDUCATION (An Autonomous Organisation under the Ministry of Human Resource Development, Govt. of India)



CBSE/Dir/Training/2020

Date: 22.04.2020 Circular No: Acad-29/2020

To The Heads of all Institutions

Subject: VidyaDaan 2.0 invitation for contributing content for the curriculum of CBSE

Dear Principal,

- 1. DIKSHA was launched on 5th September 2017 by the Hon. Vice President of India for augmenting teaching and learning processes. DIKSHA has more than 80,000 content pieces in 15 different Indian languages already for grades 1 to 12, which includes content for educators as well as for students, and is in the form of explanation videos, presentations, question banks, lesson plans, learning outcomes etc. With the unprecedented crisis due to the spread of the Novel Coronavirus and Covid-19 impacting upon school education in many different ways, it is the right time and opportunity for us to strengthen the econtent/modules for school education on DIKSHA and leverage its potential uses by all our students and teachers.
- 2. It is also a matter of fact that realizing the scale and potential of DIKSHA, multiple institutions, organizations and individuals over the years have expressed their interest in contributing e-learning content on DIKSHA. In this backdrop, CBSE had pioneered phase-1 of VidyaDaan by pooling various types of e-learning content for classes VI-X with the help of contributions from different affiliated schools and developed a repository of 10,000+ e-learning content pieces.

For classes XI-XII, chapter wise PDFs have been provisioned on DIKSHA along with e-content such as lesson plans, concept maps and additional reading material. Board has further consolidated its efforts in collecting content for classes I-V and XI-XII as well. It is expected that within a short period of time, well-defined e-learning content across the core subjects along with assessment strategies will be available across grades I to XII for CBSE schools.

- 3. During DIKSHA review meetings by the Government of India also, the use of crowdsourcing tools to obtain high quality content under *VidyaDaan* from expert teachers/individuals and organizations has been stressed upon. Accordingly, Hon'ble HRM has launched *VidyaDaan* 2.0 program today i.e. 22nd April for inviting e-learning Content contributions. Here are a few salient features of this important national program:
 - a. **VidyaDaan 2.0** is conceptualized as a common national program for individuals & organizations across the country to donate/contribute e-learning content for school education to ensure continuity of quality learning.







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- b. **VidyaDaan 2.0** has a content contribution tool that provides a structured interface for the contributors to register and contribute different types of e-learning content (such as, explanation videos, presentations, competency-based items, quizzes, etc.), for any grade (from grade 1 to 12), for any subject as specified by the states/UTs.
- c. Organizations/states on DIKSHA can have their own unique taxonomy for inviting contributions.
- d. Contributions can be made by educationists, subject experts, schools, government and non-government organizations, individuals, etc.
- e. There is provision for approval of contributor, curation of e-learning content before uploading to the final and required taxonomy and picking up content from any of the contributions made to different organizations/bodies/states/UTs on Diksha for the use by any other organization/body/state/UT on Diksha.
- f. VidyaDaan program shall soon be inviting contributions for Teacher Training material too.
- 4. Therefore, you can now nominate your institution on the VidyaDaan portal as a contributing organization by choosing one or more of the following four e-learning content development projects on the Vidyadaan website:
 - a. Contribution towards e-content for CBSE curriculum for grades 1st to 5th
 - b. Contribution towards e-content for CBSE curriculum for grades 6th to 8th
 - c. Contribution towards e-content for CBSE curriculum for grades 9th and 10th
 - d. Contribution towards e-content for CBSE curriculum for grades 11th and 12th

All the contributions should be of high quality; details around type of contents are mentioned clearly in each of the Open Projects.

Please visit https://vdn.diksha.gov.in OR type https://www.cbseacademic.nic.in on your browser and click on Vidyadaan and view open projects

- 5. The following timelines are to be adhered to by the institution wanting to contribute towards Vidya Daan
 - a. Principals/Coordinators are required to register and nominate their institution latest by 10th May 2020
 - b. The nominations will undergo an approval process from 11th May 2020-15th May 2020
 - c. Institutions for which the nominations are approved are required to upload their elearning content during the time frame of 16th May 2020-26th May 2020
 - d. Curation and finalization of the contributions will be done during the time frame of 27th May 2020 to 10th June 2020







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- 6. It is important to read the VidyaDaan Guidelines attached at Annexure (also available on VidyaDaan website), and all the terms and conditions given on the Vidyadaan website before nomination.
- 7. It may be noted that CBSE has already made a provision to give appropriate weightage in the selection of CBSE/National Teacher award and Best School for Vidyadaan award for contributing in Vidyadaan. The Board will also acknowledge all approved content by giving appropriate recognition on Diksha.

For any query please contact Joint Secretary (Training), CBSE at jstraining2018@gmail.com

Riswajit Saha)

Director (Training & Skill Education)

Enclosures:

Annexure A: Concept Note on Vidya Daan

Annexure B: Guidelines for Content contribution on Vidya Daan

Copy for information to the respective Heads of Organizations / Institutions as indicated below with a request to disseminate the information to all the schools under their jurisdiction:

- 1. The Commissioner, Kendriya Vidyalaya Sangathan, 18-Institutional Area, Shaheed Jeet Singh Marg, New Delhi-110016.
- 2. The Commissioner, Navodaya Vidyalaya Samiti, B-15, Sector-62, Institutional Area, Noida-201309
- 3. The Additional Chief Secretary/Principal Secretary/Secretary (School Education), Government of Arunachal Pradesh, Itanagar 791111
- **4.** The Additional Chief Secretary/ Principal Secretary (School Education), Government of Sikkim, Gangtok, Sikkim –737101
- 5. The Principal Secretary/Secretary (School Education), Government of NCT of Delhi, Old Secretariat, Delhi 54.
- 6. The Principal Secretary(School Education), Union Territory Secretariat, Sec- 9, Chandigarh
- 7. The Principal Secretary/Secretary (School Education), Govt. of A&N Islands, Port Blair
- 8. The Principal Secretary/Secretary (School Education), Govt. of Odisha
- 9. The Principal Secretary/Secretary (School Education), Govt. of Chhattisgarh
- 10. The Principal Secretary/Secretary (School Education), Govt. of Tripura
- 11. The Principal Secretary/Secretary (School Education), Govt. of Haryana
- **12.** The Director of Education, Directorate of Education, Govt. of NCT of Delhi, Old Secretariat, Delhi 54



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- **13.** The Director of Public Instructions (Schools), Union Territory Secretariat, Sec- 9, Chandigarh- 160 017
- 14. The Director of Education, Govt. of Sikkim, Gangtok, Sikkim –737101
- 15. The Director of School Education, Govt. of Arunachal Pradesh, Itanagar –791 111
- 16. The Director of Education, Govt. of A&N Islands, Port Blair 744101
- 17. The Director, Central Tibetan School Administration, ESSESS Plaza, Community Centre, Sec-3, Rohini
- **18.** The Under Secretary (EE-I), MHRD, Govt. of India, Department of SE&L, Shastri Bhawan, New Delhi-01
- **19.** The Additional Director General of Army Education, A Wing, Sena Bhawan, DHQ, PO, New Delhi-01
- **20.** The Secretary AWES, Integrated Headquarters of MoD (Army), FDRC Building No. 202, Shankar Vihar (Near APS), Delhi Cantt-110010
- 21. The Director, NCERT for information.
- 22. The Director General, Sports Authority of India for information.
- 23. The CEO, Fit India Mission, for information
- 24. The Chairman, NIOS, Noida for information.
- 25. All Regional Directors/Regional Officers of CBSE with the request to send this circular to all the Heads of the affiliated schools of the Board in their respective regions
- 26. All Heads of COEs of CBSE
- 27. All Joint Secretaries/ Deputy Secretaries/ Assistant Secretaries, CBSE
- 28. In charge IT Unit with the request to put this circular on the CBSE Academic website
- 29. The Head (Public Relations), CBSE
- **30.** SPS to Secretary, Director (Information Technology), Director (Academics), Controller of Examinations, Director (Skill Education & Training), Director (Professional Exams), CBSE







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Annexure A: Concept Note on Vidya Daan 2.0

A program of the nation, for the nation and by the nation for managing continuity of education

1. Background:

- The Ministry of Human Resources and Development (MHRD), Government of India, has nationalized DIKSHA (Digital Infrastructure for Knowledge Sharing), a globally unique, made in India initiative that leverages existing, highly scalable and flexible digital infrastructures, around the needs of teaching and learning in school education.
- DIKSHA was launched on 5th September 2017 by the Hon. Vice President of India and has increased its footprints manifold since then.
- As on date, 30+ States/UTs leverage DIKSHA for augmenting teaching and learning processes.

2. Direction:

- The Hon'ble Prime Minister during the DIKSHA review meeting held on 28th August'19 stressed on the use of crowdsourcing tools to obtain high quality content under *VidyaDaan* program from expert teachers/individuals and organizations.
- Moreover, realizing the scale and potential of DIKSHA, multiple institutions, organizations and individuals over the years, have expressed their interest in contributing digital resources on DIKSHA to enhance the knowledge base of our students and teachers.

3. Progress so far:

- With this vision, VidyaDaan program was launched on 12th September 2019 by Hon'ble HRM, Shri Ramesh Pokhriyal.
- 6000+ e-Content was contributed to CBSE by several schools in the country through VidyaDaan, across grades 6th to 10th, covering a variety of e-resources, including explanation content, lesson plans, presentations, videos, Question Banks, etc. in a short span of time.
- The content was organized on DIKSHA platform as per the table of contents of NCERT textbooks for easy discovery and consumption.

4. The current context:

- The entire world is facing a completely unprecedented crisis due to the spread of Covid-19, and education of students across schools, UG & PG is impacted everywhere. This is the appropriate time to leverage technology to enable continuity in education across schools, UG & PG using platforms like DIKSHA & beyond.
- VidyaDaan can become the common national program for individuals & organizations across the country to contribute e-learning resources, time, expertise



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& infrastructure across the education domain, to ensure that quality learning continues for learners across India. It can help ensure that States & UTs, including all education institutes of government & private institutions can benefit from contributions made through VidyaDaan.

5. VidyaDaan - A National Program - potentially India's contribution to the World

- As the name suggests, Vidyadaan is a call for "contribution/donation of knowledge" in the form of e-content for school education, in all languages, in multiple formats, by all stakeholders who are associated with the field of school education, public or private.
- VidyaDaan is a Content Contribution Tool which enables a structured and curated warehouse of community contributed content that can be leveraged for use by Centre, States & UTs and by all private and government organizations through platforms such as DIKSHA and beyond.
- Teachers, public & social organizations, individuals and other experts across states and UTs have been developing educational content, but in silos, with minimal opportunity to share with the larger community or receive the required recognition.
- VidyaDaan is a program to bring together these well-meaning experts and resourceful individuals and organizations using a common tool to develop and contribute content and be recognized nationally. It is therefore a call to all Indians to engage in developing our future citizens by contributing educational resources.
- Gradually, Content Contribution Tool can also be extended to the community to source high quality content for their use beyond school education for UG & PG.
- This can also allow entities working with underprivileged children and children with special needs to also share and source such content.
- In future, VidyaDaan program can be enhanced to enable individuals and organizations in the country to contribute their expertise, time and infrastructure besides e-learning resources.
- It is felt that VidyaDaan can also emerge as India's contribution to the whole world, specially the developing countries in the context of Covid-19 pandemic.

6. Structure of VidyaDaan

- A standardized template for contributing e-learning resources has been developed.
- E-learning resources can be prepared by the contributors and donated by dropping in the relevant part of the template.
- High quality content in the context of textbooks and courses as per the curriculum, can include wide variety of content across explanation videos, presentations, practice questions, simulation exercises, courses, quiz, etextbook, teaching videos, creative & critical thinking questions, Higher Order



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Thinking (HOTS) questions, learning goals & outcomes, assessments, lesson plans, concept maps, puzzles, games, items based on learning outcomes, etc.

- Contributions will also include cutting edge technology like AI, AR/VR, digital laboratories to make the process of teaching-learning fun, engaging, to bring the content to life
- Knowledge of how to teach difficult topics, wisdom on how children best learn will also be part of the contributions.
- Each contribution shall go through a strong curation mechanism that will include peer review, expert review, user review (star ratings, popularity) and will be available to any school board/state/UT/educational institute/private or public organization to pick up and use in their own vertical on DIKSHA and beyond.
- Each contribution may also be badged or digitally certified by the experts or organizations reviewing it to allow discoverability of trusted content by potential users.
- Each contribution that is curated and finally goes from VidyaDaan into DIKSHA will be acknowledged, and data on its use and impact can be made visible, appropriately balancing privacy with purpose.
- Contributors can include among others Teachers, principals, academics, individuals, Corporates, CSR, Not for profits, NGOs, Institutions, Universities, central government institutions and ministries, International agencies, NRIs, PIOs and School Boards (State & Central), etc.
- Any user of this national platform can also view and download all curated and accepted content which have been contributed so far to enable reuse, translations, and further improvements. Given that all states are at different levels of capabilities and resources for creation of digital content, this will enable some states to benefit from high quality content coming from other states - truly making it a nation's program.

7. Standardized templates across states

- The standardized template will facilitate different states and union territories to immediately get on board and develop their own program under VidyaDaan.
- Moreover, the content so developed across states will follow a uniform structure ensuring easy accessibility by students as well as teachers.
- States/UTs can in fact reach out to individuals and organizations, including aspiring teachers for development and contribution of e-learning resources in the local language.

8. Progress on VidyaDaan- A roadmap for the nation

• CBSE pioneered VidyaDaan by pooling various types of e-content pieces for grades 6-10 and developed 6000+ content pieces with a variety of e-resources for a chapter.







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With the increasing uncertainty resulting in school lockdown, CBSE consolidated its efforts and is collecting content for grades 1 to 5 and 11-12 as well. It is expected that within a short period of time, well-defined e-learning content across the core subjects along with assessment strategies will be available across grades 1 to 12.

- Similarly, the Diksha team will facilitate the states and union territories to develop a well-defined roadmap urgently, against which the contribution process can be initiated under the VidyaDaan program with defined timelines. State(s) can open the contribution of content to educational and other institutions/organizations as well as individuals. The contributed content can be leveraged as e-content for Energized Textbooks, and for addressing specific Learning Outcomes through linked content, and for uploading content as per the minimum guidelines issued by MHRD.
- MHRD will issue the guidelines related to content contributions, onboarding essentials for the Vidyadaan and ready template for outreach activities related to the program.

9. VidyaDaan can be later extended for teacher training modules

- Many schools, NGOs and other individuals/ organizations can contribute high quality self-paced Training modules for Teacher Professional development /School leadership.
- VidyaDaan program can support and accommodate such contributions to enhance the capability of teachers and school leaders.

10. Open Education Resources, Institutionalization, Participation and Sustainability

- The program is an initiative to generate open education resources for learning across age groups for the education domain. To this end the policies for open licensing of content such as the Creative Commons Licensing framework shall be followed.
- O The program is intended to be space for contribution of content by individuals or institutions and organizations for the use of the education ecosystem such as government departments, education boards national and states, schools (government and privates) and for the use of all other institutions, organizations and entities engaged in education. For instance VidyaDaan can be used by the DIKSHA platform to source content related to School education, by the SWAYAM platform to source content for higher education needs, NIOS for open schooling needs and similarly by a SCERT for their content needs and even for non-profit and other organizations in education to serve their specific content needs.







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Annexure B: Guidelines for Content contribution on Vidya Daan

DIKSHA enables mainly 3 formats of content for any category of content:

- 1. Videos (MP4) format.
- 2. PDFs
- 3. Inbuilt editor to create Questions for Practice sets, Assessments, etc.

DIKSHA data suggests that the content that is relevant, precise, clear and practical works best for users and shows maximum consumption.

Following are guidelines pertaining to each content type along with some samples for reference: **Guidelines for Explanation Videos**

- Content should convey a simple explanation of the topic/concept, which can be consumed by the teacher or the student to learn the topic/concept easily. Short (3-5 mins) videos have shown more usage on DIKSHA than the longer ones.
- As you start contributing content, you can refer to some sample content:
 - o Sample Science
 - o Sample Mathematics
 - o Sample Language

NOTE: Ensure that the size of your video is under 50 MB and is in .mp4 format

Guidelines for Teaching Videos

Teaching videos can be recordings of lectures or recording of a teacher explaining a concept using a blackboard/whiteboard in a manner like how he/she would explain in a classroom.

While creating or uploading this type of content, you can refer to some sample content:

- Sample Math
- Sample Science
- Sample Language
- Sample Social

NOTE: Ensure that the size of your video is under 50 MB and is in .mp4 format

Guidelines for Reading Material

 Reading material could be any document or presentation that can help a student learn a concept or a topic in a simple and engaging way.

While creating or uploading this type of content, you can refer to some sample content:

- Sample Science
- Sample Math's
- Sample Language

NOTE: Ensure that the documents or presentations are converted into **PDF format** before uploading.



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Guidelines for Questions

A question bank comprises of multiple questions for students to practice and master concepts/topics/chapters. The following types of question-answers can be contributed on the platform:

- MCQ: Multiple Choice Questions that will support 4 answer options out of which only one can be the correct answer. Typically, 1-mark questions
- **VSA**: Very Short Answer questions answered in a maximum of few words or a sentence. Typically, 1-mark questions
- SA: Short Answer questions answered in 2-5 sentences. Typically, 2-3 marks questions
- LA: Long Answer questions answered in more than 5 sentences. Typically, 4 + marks questions
- **HOTQ**: Higher order thinking questions where the answers are open ended, and the questions lead the student to connect concepts to real life contexts to discuss and explore them in the answer.

A contributor can choose to upload a single type or multiple type of questions-answers. As you start contributing questions and answers, you can refer to some sample Q-As:

- Sample MCQ Science
- Sample VSA Language
- Sample SA Math
- Sample LA Social
- Sample HOTQ Social

NOTE: VidyaDaan provides an inbuilt tool to create questions of each type and add solutions/answers. Questions can be contributed only using the inbuilt tool and no other types are supported.

https://diksha.gov.in/play/collection/do 312796455245733888120257?contentType=TextBook&contentId=do 31279863123704217617397

Guidelines for Lesson Plans

- A Lesson Plan should comprise of:
 - Clear objectives
 - o "how to" teach with suggested activities
 - o practice questions and assessments.
- Remove any external web-links and personally identifiable information like name, address, number or email from the lesson plan.
- As you start contributing lesson plans, you can refer to some samples:
 - o <u>Sample Science</u>
 - o Sample Maths
 - o Sample Social

NOTE: Ensure that the Lesson Plan document or presentation is converted into **PDF format** before uploading.



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Guidelines for Experiential Content

- Experiential content contains real-life examples of a concept that is taught in a chapter; for e.g.:
 - Languages: A moral of a story or a poem used to engage students on how they would apply the same in real life
 - Social Studies: Asking the students to do a role play or speech as a historic character to experience it differently and gain perspective
 - o Math: A real life application of a concept, formula, theorem or problem
 - Science: A real-life application/demonstration of a concept. Showing students an activity where they identify- "science around us in our homes/schools/daily lives etc."
- As you start contributing experiential content, you can refer to some samples:
 - o Sample Science
 - o Sample Math
 - o <u>Sample Language</u>
 - o Sample Social

Guidelines for Focus spots

- What is a Focus spot?
 - Any topic or subtopic in a chapter which students find difficult to understand and continuously make mistakes OR the teacher finds difficult to teach.
- As you start contributing focus spots, you can refer to some samples:
 - Sample Science
 - o Sample Math
 - o Sample Social

Guidelines for Mind maps/concept maps

- Mind Maps are a beneficial learning tool to help students brainstorm about topics and think creatively. Mind maps are particularly helpful in the writing process and provide students with a natural way of thinking and building thoughts on a story plot or theme.
- As you start contributing Mind maps/Concept Maps, you can refer to some samples:
 - o Sample Science
 - o Sample Maths
 - o Sample Social

NOTE: Ensure that the Mind Map/Concept Map document or presentation is converted into **PDF format** before uploading.



