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## केन्द्रीय माध्यमिक शिक्षा बोर्ड

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

शिक्षा सदन, 17, इन्सटिट्यूशनल क्षेत्र, राउज एवेन्यु, दिल्ली-110002.

### CENTRAL BOARD OF SECONDARY EDUCATION

(An Autonomous Organization under the Union Ministry of Human Resource Development, Govt. of India)  
"Shiksha Sadan", 17, Institutional Area, Rouse Avenue, Delhi-110002



CBSE/ACAD/JD(SS)/2016

07.04.2016

Circular No. Acad.11/2016

All Heads of Institutions Affiliated to CBSE

#### **Subject: Training of Teachers on Managing Online Lab Resources**

Dear Principal

Online Labs (OLabs) for School Environment is a virtual online e-Learning initiative jointly developed by CDAC, Mumbai and Amrita University, Kollam with funding support from the Department of Electronics and Information Technology, Government of India. It has been developed to supplement the traditional physical labs and bridge the constraints of time and geographical distances. Olabs is a free resource for all schools (teachers and students) in India and is accessible free of cost on the website [www.olabs.edu.in](http://www.olabs.edu.in). For schools with absence or limited access internet facilities, a DVD version is also available on demand.

OLabs content has been developed for classes IX and X in Physics, Biology, Chemistry, Mathematics and English and is aligned with the CBSE syllabus for classes IX and X. It provides students experience of virtual experiments that will stimulate their interest and learning by giving them the virtual experience of doing real lab work, by graphically resembling with Laboratory equipment and simulating a virtual medium. CBSE, through its earlier Circular No. Acad-15/2013 dated 16.02.2013, has recommended OLabs to all the schools affiliated to the Board.

The Department of Electronics and Information Technology is funding a project on 'Rollout of OLabs' wherein teachers of CBSE affiliated schools will be trained for using and managing OLab resources. All schools affiliated to the Board are advised to encourage their teachers to attend the training programme on OLabs. The details regarding these trainings will be available on the Olabs website [www.olabs.edu.in](http://www.olabs.edu.in). Trainings may also be conducted on a case by case basis for small groups of schools. These trainings are announced from time to time on Olabs Facebook page <https://www.facebook.com/onlinelabs/>. Those who are desirous of organizing or participating in

these trainings may contact [etu@cdac.in](mailto:etu@cdac.in) or [support@olabs.co.in](mailto:support@olabs.co.in). The Olabs trainings for teachers are free of cost and the participating teachers will be given participation certificate.

Sd/-

**Dr. Sweta Singh**

**Joint Director**

**CBSE Academic**

**Copy with a request to respective Heads of Directorates/KVS/NVS/CTSA as indicated below to also disseminate the information to all concerned 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 Director of Education, Directorate of Education, Govt. of NCT of Delhi, Old Secretariat, Delhi-110054.
4. The Director of Public Instructions (Schools), Union Territory Secretariat, Sector 9, Chandigarh-160017.
5. The Director of Education, Govt. of Sikkim, Gangtok, Sikkim – 737101.
6. The Director of School Education, Govt. of Arunachal Pradesh, Itanagar – 791 111
7. The Director of Education, Govt. of A & N Islands, Port Blair - 744101.
8. The Director of Education, S.I.E., CBSE Cell, VIP Road, Junglee Ghat, P.O. 744103, A & N Islands.
9. The Secretary, Central Tibetan School Administration, ESS Plaza, Community Centre, Sector 3, Rohini, Delhi-110085.
10. The Additional Director General of Army Education, A –Wing, Sena Bhawan, DHQ, PO, New Delhi-110001.
11. The Secretary AWES, Integrated Headquarters of MoD (Army), FDRC Building No. 202, Shankar Vihar (Near APS), Delhi Cantt-110010.
12. 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.
13. All Associate Professor & Additional Directors/ Advisors/ Consultants/Education Officers.
14. All Additional Director/ Joint Director/ Deputy Director/ Assistant Director, Vocational Cell.
15. The Under Secretary (EE-I), Ministry of Human Resource Development, Shastri Bhawan, New Delhi.
16. The Officer in charge of I.T. with the request to put this circular on the CBSE websites.
17. All Assistant Professor & Joint Directors, CBSE
18. All Assistant Professor & Deputy Directors, CBSE
19. The Assistant Librarian, CBSE
20. The Public Relations Officer, CBSE
21. The Hindi Officer, CBSE
22. PS to Chairman, CBSE
23. PS to Secretary, CBSE
24. PS to Controller of Examinations, CBSE
25. PS to Director (Special Exams and CTET), CBSE
26. PS to Director (Information Technology), CBSE
27. PS to Director (Vocational & EDUSAT)

**Joint Director, CBSE**