



केन्द्रीय माध्यमिक शिक्षा बोर्ड

(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 & Skill Edu.)/2021

Dated: 19.02.2021

Notification

Subject: 3 days' workshop on Chemistry Laboratory Experiment using ChemCollective Virtual Lab.

COVID-19 pandemic has severely restricted the teaching learning process including laboratory activities to be conducted by students in face to face mode.

To mitigate this difficulty, CBSE is conducting training of teachers in Virtual Labs in collaboration with IIT-Bombay to complete the learning process till the contact labs resume.

The ChemCollective virtual lab is a simulation of a Chemistry lab using open source software it is designed to help learners perform Chemistry Laboratory experiments. The teachers will be able to develop their own courses using the reagents and apparatus available on the software.

It consists of:

- Pre recorded spoken tutorial videos with side by side learning.
- Live lectures
- A practice problem/assignment will also be provided after every topic followed by discussion on it.

On successful completion of the workshop, participants will be able to

- Perform basic chemistry lab experiments
- Learn about ChemCollective resources that are useful in classroom teaching.
- Get certificate for attending the 3 days' workshop.

Date	Training Mode
25 th -27 th February, 2021	Online

Note:

- Registration is on first come first serve basis.
- Last date for registration is 24th February, 2021.
- Teachers can register themselves and make the necessary payment by logging into the website: www.it.iitb.ac.in/nmeict
- for any further queries please contact Mr. Mahendra Parmar at eoutreach@it.iitb.ac.in

Biswajit Saha

Dr. Biswajit Saha
Director (Training & Skill Edu.)



'शिक्षा सदन', 17 राऊज एवेन्यू, इंस्टीटूशनल एरिया, नई दिल्ली-110002

'Shiksha Sadan', 17, Rouse Avenue, Institutional Area, New Delhi – 110002





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Copy to the respective Heads of Directorates, Organizations and 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, SJS Marg, Delhi-110016.
2. The Commissioner, Navodaya Vidyalaya Samiti, B-15, Sector-62, Institutional Area, Noida 201309.
3. The Additional Chief Secretary(School Education), Government of Sikkim, Gangtok, Sikkim –737101
4. Principal Secretary(School Education), Government of Arunachal Pradesh, Itanagar
5. The Principal 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 (School Education), Govt. of A&N Islands, Port Blair
8. The Principal Secretary (School Education), Govt. of Odisha
9. The Principal Secretary(School Education), Govt. of Chhattisgarh
10. The Principal Secretary(School Education), Govt. of Tripura
11. The Principal Secretary(School Education), Govt. of Haryana
12. The Director of Education, Directorate of Education, Govt. of NCT of Delhi, Old Secretariat, Delhi
13. The Director of Public Instructions (Schools), Union Territory Secretariat, Sector 9, Chandigarh-160017
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, Sector3,Rohini
18. The Additional Director General of Army Education ,A–Wing, Sena Bhawan, DHQ, PO, New Delhi-110001
19. The Secretary AWES, Integrated Headquarters of MoD (Army), FDR Building No. 202, Shankar Vihar (Near APS), Delhi Cantt-110010
20. 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 for compliance.
21. All Regional Director/Heads/ In-Charges, CBSE-COEs with request to disseminate the information
22. The Head Public Relations, CBSE
23. EO to Chairperson, CBSE
24. SPS to Secretary, CBSE
25. SPS to Director (Information Technology), CBSE
26. SPS to Director (Academics) CBSE.
27. SPS to Controller of Examinations, CBSE
28. SPS to Director (Training & Skill Education), CBSE
29. SPS to Director (Professional Exam), CBSE
30. In charge IT Unit with the request to put this circular on the CBSE Academic website

Director (Training and Skill Education)



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