

केन्द्रीय माध्यमिक शिक्षा बोर्ड

(शिक्षा मंत्रालय, भारत सरकार के अधीन एक स्वायत्त संगठन)

CENTRAL BOARD OF SECONDARY EDUCATION

(An Autonomous Organisation Under the Ministry of Education, Govt. of India)

CBSE/DIR/SE/Microsoft/2023

20.04.2023

Circular No. Skill-51/2023

The Heads of all the Institutions affiliated to CBSE

Subject: Teacher Training Sessions to be conducted by CBSE in partnership with Microsoft

This is in continuation with CBSE Circular No. 09 dated 16.01.2023 regarding teacher training sessions to be conducted by CBSE in partnership with Microsoft on exposure to curriculum of Coding and Data Science and other topics.

In this regard, the next batches of their training sessions will be held from 1st May 2023 onwards, as per the following details:

TOPIC	Mode of training	Dates for Training (Batch 9)	Details of sessions and Registration links	Dates for Training (Batch 10)	Details of sessions and Registration links
1. Exposure to Curriculum of Coding	Online	01/05/23 to 09/05/23	Annexure A	01/06/23 to 09/06/23	Annexure H
2. Exposure to Curriculum of Data Science	Online	02/05/23 to 09/05/23	Annexure B	01/06/23 to 08/06/23	Annexure I
3. Building 21 st CLD Skills & Enhancing Reading Capabilities	Online	08/05/23 to 13/05/23	Annexure C	12/06/23 to 17/06/23	Annexure J
4. Leveraging AI tools for classroom learning	Online	15/05/23 to 17/05/23	Annexure D	19/06/23 to 21/06/23	Annexure K
5. Modern Workplace Program for Educators	Hybrid	18/05/23	Annexure E	22/06/23	Annexure L
6. Accessibility and Special Education	Hybrid	19/05/23	Annexure F	23/06/23	Annexure M
7. Hybrid Learning	Hybrid	20/05/23	Annexure G	24/06/23	Annexure N

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Please note that:

1. There is no fee for registering for/attending these trainings.
2. All the programmes are open to teachers of all CBSE affiliated schools.
3. Once a teacher registers, the joining link shall be shared on the email id provided in the registration form.

Biswajit Saha

(Dr. Biswajit Saha)

Director (Skill Education)

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, Shaheed Jeet Singh Marg, Delhi.
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 Andaman & Nicobar Islands, Port Blair - 744101
8. The Director, Central Tibetan School Administration, ESSESS Plaza, Community Centre, Sector 3, Rohini
9. The Secretary, Sainik Schools Society, Room No.101, D-1 Wing, Sena Bhawan, New Delhi-110001
10. The Additional Director General of Army Education, A – Wing, Sena Bhawan, DHQ, PO, New Delhi
11. The Secretary AWES, Integrated Headquarters of MoD (Army), FDRC Building No. 202, Shankar Vihar (Near APS), Delhi Cantt – 110010
12. The Secretary Eklavya Model Residential Schools (EMRS), Ministry of Tribal Affairs, Government of India.
13. The Chairman, Odisha Adarsha Vidyalaya Sangathan, N-1/9, Near Doordarshan Kendra, PO Sainik School Nayapalli, Bhubaneswar, Odisha-751005.
14. The Deputy Secretary to Chairperson, CBSE - for kind information of the Chairperson, CBSE
15. All the Heads of Department of the Board
16. All the Regional Directors/Regional Officers/Head-COEs, 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
17. Head (Media & Public Relations), CBSE
18. Assistant Secretary (IT), CBSE, Rouse Avenue with the request to upload this notification on the CBSE Academic website

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19. Incharge, Hindi Cell, CBSE HQ – for Hindi Translation of this notification

Director (Skill Education)

Annexure A

9.1 EXPOSURE ON CURRICULUM OF CODING (Online)

Exposure to Curriculum of Coding is being built through teacher training sessions with support from Microsoft from 1st May to 9th May 2023 as per the schedule mentioned below:

	Date	Time	Session Title	Registration Link
PART A	01-05-23	3:00 PM to 4:00 PM	Introduction to Coding & Minecraft & Make Code	https://forms.office.com/r/maXSsuMMYj
	02-05-23	3:00 PM to 4:00 PM	Algorithms and Variables using Block Coding	
	03-05-23	3:00 PM to 4:00 PM	Control with Conditionals; Conditional in Depth	
PART B	04-05-23	3:00 PM to 4:00 PM	Loops using Block Coding; Get Creative with Loops	https://forms.office.com/r/JisS1Yq9Nu
	05-05-23	3:00 PM to 4:00 PM	Sequencing with Block Coding	
	06-05-23	3:00 PM to 4:00 PM	Functions	
	08-05-23	3:00 PM to 4:00 PM	Hello World with Code; Arrays and Collections; Programming with Arrays	
	09-05-23	3:00 PM to 4:00 PM	Advanced Sequencing	

For any further query or feedback, the schools may contact

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• Microsoft Partners: info@cyberdictiontechnology.com for training on Coding Part A

phani@k12activityacademy.com for training on Coding Part B

Annexure B

9.2 EXPOSURE ON CURRICULUM OF DATA SCIENCE (Online)

Exposure on Curriculum of Data Science is being built through teacher training sessions with support from Microsoft from 2nd May to 9th May 2023 as per the schedule mentioned below:

Date	Time	Session Content	Registration
02-05-23	4:00 PM to 5:00 PM	Introduction to Data and Data Science; Ethics in Data Science and Data Governance	https://forms.office.com/r/b2r7LiDeTn
03-05-23	4:00 PM to 5:00 PM	Arranging and Collecting Data; Data Visualization; Use of Statistics in Data Science; Distributions in Data Science	
04-05-23	4:00 PM to 5:00 PM	Identify Patterns; Data Merging; Assessing Data; Forecasting on Data; Data Randomization	
05-05-23	4:00 PM to 5:00 PM	Introduction to R Studio	
06-05-23	4:00 PM to 5:00 PM	Classification Algorithms; Regression Algorithms	
08-05-23	4:00 PM to 5:00 PM	Unsupervised Learning	
09-05-23	4:00 PM to 5:00 PM	Projects in Data Sciences	

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For any further query or feedback, the schools may contact Microsoft Partner through email:

saffin@hypershiftinnov.onmicrosoft.com

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Annexure C

9.3 BUILDING 21st CLD SKILLS & ENHANCING READING CAPABILITIES (Online)

Building 21st CLD Skills & Enhancing Reading Capabilities is being built through teacher training sessions with support from Microsoft from 8th May to 13th May 2023 as per the schedule mentioned below:

Date	Time	Session Content	Registration Link
08-05-23	5:00 PM to 6:00 PM	Introduction to transforming learning with 21 st CLD and skill essential for 21 st century learner	https://forms.office.com/r/LaMpTRvU8t
09-05-23	5:00 PM to 6:00 PM	Develop critical thinking skills, knowledge construction, knowledge transfer	
10-05-23	5:00 PM to 6:00 PM	Developing collaboration skills, its features, and levels	
11-05-23	5:00 PM to 6:00 PM	Real world problem solving and innovation, Skilled and effective communication features, and importance	
12-05-23	5:00 PM to 6:00 PM	Self-regulation	
13-05-23	5:00 PM to 6:00 PM	21 st Century ICT and Implementation and reflection of 21 CLD	

For any further query or feedback, the schools may contact Microsoft Partner through email:
info@cyberdictiontechnology.com

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Annexure D

9.4 LEVERAGING AI TOOLS FOR CLASSROOM LEARNING (Online)

Leveraging AI tools for classroom learning are being built through teacher training sessions with support from Microsoft from 15th May to 17th May 2023 as per the schedule mentioned below:

Date	Time	Session Content	Registration Link
15-05-23	4:00 PM to 5:00 PM	Introduction to AI fundamentals, Bot services, Cognitive services	https://bit.ly/AICBSEAPR
16-05-23	4:00 PM to 5:00 PM	Deep Learning and Natural Language Processing	
17-05-23	4:00 PM to 5:00 PM	Machine Learning, Understanding Responsible AI, Challenges and Risk	

For any further query or feedback on this session, the schools may contact Microsoft Partner through email: events@depedagogs.com

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Annexure E

9.5 MODERN WORKPLACE PROGRAM FOR EDUCATORS (Hybrid Mode)

Date (Time)	Session Title	Course	Registration Link
18-05-23 (12:00 PM to 2:00 PM)	Modern Workplace Program for Educators	Language Learning, Math applications, Accessibility tools, OneDrive, OneNote, Sway, Teams, Forms, AI in translator, Immersive Reader, AI in Sway, integrating meeting, Assessments and AI in Forms, handling virtual sessions using MS Teams, Building interactive classrooms	https://bit.ly/43QBreb

For any further query or feedback on this session, the schools may contact Microsoft Partner through email: info@juanatech.com

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Annexure F

9.6 ACCESSIBILITY AND SPECIAL EDUCATION: SUPPORTING EQUITY IN REMOTE LEARNING ENVIRONMENT (Hybrid mode)

Date (Time)	Session Title	Course	Registration Link
19-05-23 (3:00 PM to 5:00 PM)	Accessibility and Special Education: Supporting Equity in Remote Learning Environment	Inclusive and Personalized Classrooms to support the diverse needs of students, how to enable students with disabilities to learn with ease and comfort, Tools that support inclusive learning	https://forms.office.com/r/99xaW9ggyY

For any further query or feedback on this session, the schools may contact Microsoft Partner through email: info@cyberdictiontechnology.com

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Annexure G

9.7 HYBRID LEARNING (Hybrid mode)

Date (Time)	Session Title	Course	Registration Link
20-05-23 (12:00 PM to 2:00 PM)	Hybrid Learning	Hybrid Learning, hosting online Classroom, Share Presentation, use digital whiteboard, interact with students with text, video and audio, recording of sessions, making content available for students for asynchronous learning, how to create, submit and grade assignments, how students can work collaboratively on documents, files and presentations	https://bit.ly/HYBCBSEAPRIL

For any further query or feedback on this session, the schools may contact Microsoft Partner through email: events@depdagogics.com

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Annexure H

10.1 EXPOSURE ON CODING CURRICULUM (Online)

Exposure to Curriculum of Coding is being built through teacher training sessions with support from Microsoft from 1st June to 9th June 2023 as per the schedule mentioned below:

	Date	Time	Session Title	Registration Link
PART A	01-06-23	3:00 PM to 4:00 PM	Introduction to Coding & Minecraft & Make Code	https://forms.office.com/r/GiYrqR53v1
	02-06-23	3:00 PM to 4:00 PM	Algorithms and Variables using Block Coding	
	03-06-23	3:00 PM to 4:00 PM	Control with Conditionals; Conditional in Depth	
PART B	05-06-23	3:00 PM to 4:00 PM	Loops using Block Coding; Get Creative with Loops	https://forms.office.com/r/B2sqZAN4Uw
	06-06-23	3:00 PM to 4:00 PM	Sequencing with Block Coding	
	07-06-23	3:00 PM to 4:00 PM	Functions	
	08-06-23	3:00 PM to 4:00 PM	Hello World with Code; Arrays and Collections; Programming with Arrays	
	09-06-23	3:00 PM to 4:00 PM	Advanced Sequencing	

For any further query or feedback, the schools may contact

- Microsoft Partners: info@cyberdictiontechnology.com for training on Coding Part A
phani@k12activityacademy.com for training on Coding Part B

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Annexure I

10.2 EXPOSURE ON DATA SCIENCE CURRICULUM (Online)

Exposure on Curriculum of Data Science is being built through teacher training sessions with support from Microsoft from 1st June to 8th June 2023 as per the schedule mentioned below:

Date	Time	Session Content	Registration
01-06-23	4:00 PM to 5:00 PM	Introduction to Data and Data Science; Ethics in Data Science and Data Governance	https://forms.office.com/r/Xnic1WcbXg
02-06-23	4:00 PM to 5:00 PM	Arranging and Collecting Data; Data Visualization; Use of Statistics in Data Science; Distributions in Data Science	
03-06-23	4:00 PM to 5:00 PM	Identify Patterns; Data Merging; Assessing Data; Forecasting on Data; Data Randomization	
05-06-23	4:00 PM to 5:00 PM	Introduction to R Studio	
06-06-23	4:00 PM to 5:00 PM	Classification Algorithms; Regression Algorithms	
07-06-23	4:00 PM to 5:00 PM	Unsupervised Learning	
08-06-23	4:00 PM to 5:00 PM	Projects in Data Sciences	

For any further query or feedback, the schools may contact Microsoft Partner through email:

saffin@hypershiftinnov.onmicrosoft.com

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Annexure J

10.3 BUILDING 21st CLD SKILLS & ENHANCING READING CAPABILITIES (Online)

Building 21st CLD Skills & Enhancing Reading Capabilities is being built through teacher training sessions with support from Microsoft from 12th June to 17th June 2023 as per the schedule mentioned below:

Date	Time	Session Content	Registration Link
12-06-23	5:00 PM to 6:00 PM	Introduction to transforming learning with 21 st CLD and skill essential for 21 st century learner	https://forms.office.com/r/i0ikT2ET7Y
13-06-23	5:00 PM to 6:00 PM	Develop critical thinking skills, knowledge construction, knowledge transfer	
14-06-23	5:00 PM to 6:00 PM	Developing collaboration skills, its features, and levels	
15-06-23	5:00 PM to 6:00 PM	Real world problem solving and innovation, Skilled and effective communication features, and importance	
16-06-23	5:00 PM to 6:00 PM	Self-regulation	
17-06-23	5:00 PM to 6:00 PM	21 st Century ICT and Implementation and reflection of 21 CLD	

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Annexure K

10.4 LEVERAGING AI TOOLS FOR CLASSROOM LEARNING (Online)

Leveraging AI tools for classroom learning are being built through Teacher Training Sessions with support from Microsoft from 19th June to 21st June 2023 as per the schedule mentioned below:

Date	Time	Session Content	Registration Link
19-06-23	4:00 PM to 5:00 PM	Introduction to AI fundamentals, Bot services, Cognitive services	https://bit.ly/AICBSEMAY
20-06-23	4:00 PM to 5:00 PM	Deep Learning and Natural Language Processing	
21-06-23	4:00 PM to 5:00 PM	Machine Learning, Understanding Responsible AI, Challenges and Risk	

For any further query or feedback on this session, the schools may contact Microsoft Partner through email: events@depedagogics.com

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Annexure L

10.5 MODERN WORKPLACE PROGRAM FOR EDUCATORS (Hybrid Mode)

Date (Time)	Session Title	Course	Registration Link
22-06-23 (12:00 PM to 2:00 PM)	Modern Workplace Program for Educators	Language Learning, Math applications, Accessibility tools, OneDrive, OneNote, Sway, Teams, Forms, AI in translator, Immersive Reader, AI in Sway, integrating meeting, Assessments and AI in Forms, handling virtual sessions using MS Teams, Building interactive classrooms	https://bit.ly/41mEFV1

For any further query or feedback on this session, the schools may contact Microsoft Partner through email: info@juanatech.com

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Annexure M

10.6 ACCESSIBILITY AND SPECIAL EDUCATION: SUPPORTING EQUITY IN REMOTE LEARNING ENVIRONMENT (Hybrid mode)

Date (Time)	Session Title	Course	Registration Link
23-06-23 (3:00 PM to 5:00 PM)	Accessibility and Special Education: Supporting Equity in Remote Learning Environment	Inclusive and Personalized Classrooms to support the diverse needs of students, how to enable students with disabilities to learn with ease and comfort, Tools that support inclusive learning	https://forms.office.com/r/iNBkErrC1N

For any further query or feedback on this session, the schools may contact Microsoft Partner through email: info@cyberdictiontechnology.com

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Annexure N

10.7 HYBRID LEARNING (Hybrid mode)

Date (Time)	Session Title	Course	Registration Link
24-06-23 (12:00 PM to 2:00 PM)	Hybrid Learning	Hybrid Learning, hosting online Classroom, Share Presentation, use digital whiteboard, interact with students with text, video and audio, recording of sessions, making content available for students for asynchronous learning, How to create, submit and grade assignments, How students can work collaboratively on documents, files and presentations	https://bit.ly/HYBCBSEMAY

For any further query or feedback on this session, the schools may contact Microsoft Partner through email: events@depedagogics.com