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### CENTRAL BOARD OF SECONDARY EDUCATION

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

#### CBSE/DIR/SE/Microsoft/2022

16.01.2023

Circular No. Skill-09/2023

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. 136 dated 02.11.2022 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 February 2023 onwards, as per the following details:

	TOPIC	Mode of training	Dates for Training (Batch 5)	Details of sessions and Registration links	Dates for Training (Batch 6)	Details of sessions and Registration links
1.	Exposure to Curriculum of Coding	Online	01/02/23 to 09/02/23	Annexure A	13/03/23 to 21/03/23	Annexure H
2.	Exposure to Curriculum of Data Science	Online	01/02/23 to 08/02/23	Annexure B	13/03/23 to 20/03/23	Annexure I
3.	Building 21 <sup>st</sup> CLD Skills & Enhancing Reading Capabilities	Online	01/02/23 to 07/02/23	Annexure C	13/03/23 to 18/03/23	Annexure J
4.	Leveraging Al tools for classroom learning	Online	08/02/23 to 10/02/23	Annexure D	13/03/23 to 15/03/23	Annexure K
5.	Modern Workplace Program for Educators	Hybrid	11/02/23	Annexure E	16/03/23	Annexure L
6.	Accessibility and Special Education	Hybrid	13/02/23	Annexure F	17/03/23	Annexure M
7.	Hybrid Learning	Hybrid	15/02/23	Annexure G	18/03/23	Annexure N

#### 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.

(Dr. Biswajit Saha)
Director (Skill Education)









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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:

- The Commissioner, Kendriya Vidyalaya Sangathan, 18, Institutional Area, Shaheed Jeet Singh Marg, Delhi - 110016.
- 2. The Commissioner, Navodaya Vidyalaya Samiti, B-15, Sector-62, Institutional Area, Noida 201309.
- 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
- 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. 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
- 19. Incharge, Hindi Cell, CBSE HQ for Hindi Translation of this notification

**Director (Skill Education)** 







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Annexure A

#### 7.1 EXPOSURE ON CURRICULUM OF CODING (Online)

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

	Date	Time	Session Title	Registration Link
	01-02-23	3:00 PM to 4:00 PM	Introduction to Coding & Minecraft & Make Code	
PART A	02-02-23	3:00 PM to 4:00 PM	Algorithms and Variables using Block Coding	https://forms.office.com/r/GNbgAn5Hyv
	03-02-23	3:00 PM to 4:00 PM	Control with Conditionals; Conditional in Depth	
	04-02-23	3:00 PM to 4:00 PM	Loops using Block Coding; Get Creative with Loops	
<b>a</b>	06-02-23	3:00 PM to 4:00 PM	Sequencing with Block Coding	
PART	07-02-23	3:00 PM to 4:00 PM	Functions	https://forms.office.com/r/JisS1Yq9Nu
<b>—</b>	08-02-23	3:00 PM to 4:00 PM	Hello World with Code; Arrays and Collections; Programming with Arrays	
	09-02-23	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 B

### 7.2 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 1st February to 8th February 2023 as per the schedule mentioned below:

Date	Time	Session Content	Registration
01-02-23	4:00 PM to 5:00 PM	Introduction to Data and Data Science; Ethics in Data Science and Data Governance	
02-02-23	4:00 PM to 5:00 PM	Arranging and Collecting Data; Data Visualization; Use of Statistics in Data Science; Distributions in Data Science	
03-02-23	4:00 PM to 5:00 PM	Identify Patterns; Data Merging; Assessing Data; Forecasting on Data; Data Randomization	
04-02-23	4:00 PM to 5:00 PM	Introduction to R Studio	https://forms.office.com/r/92BTATJYaB
06-02-23	4:00 PM to 5:00 PM	Classification Algorithms; Regression Algorithms	
07-02-23	4:00 PM to 5:00 PM	Unsupervised Learning	
08-02-23	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: <a href="mailto:saffin@hypershiftinnov.onmicrosoft.com">saffin@hypershiftinnov.onmicrosoft.com</a>







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Annexure C

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

Building 21<sup>st</sup> CLD Skills & Enhancing Reading Capabilities is being built through teacher training sessions with support from Microsoft from 1<sup>st</sup> February to 7<sup>th</sup> February 2023 as per the schedule mentioned below:

Date	Time	Session Content	Registration Link
01-02-23	5:00 PM to 6:00 PM	Introduction to transforming learning with 21st CLD and skill essential for 21st century learner	
02-02-23	5:00 PM to 6:00 PM	Develop critical thinking skills, knowledge construction, knowledge transfer	
03-02-23	5:00 PM to 6:00 PM	Developing collaboration skills, its features, and levels	
04-02-23	5:00 PM to 6:00 PM	Real world problem solving and innovation, Skilled and effective communication features, and importance	https://forms.office.com/r/FDQnfqqyH0
06-02-23	5:00 PM to 6:00 PM	Self-regulation	
07-02-23	5:00 PM to 6:00 PM	21st 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

### 7.4 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 8<sup>th</sup> February to 10<sup>th</sup> February 2023 as per the schedule mentioned below:

Date	Time	Session Content	Registration Link
08-02-23	4:00 PM to 5:00 PM	Introduction to AI fundamentals, Bot services, Cognitive services	
09-02-23	4:00 PM to 5:00 PM	Deep Learning and Natural Language Processing	https://bit.ly/CBSEAIJAN
10-02-23	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: <a href="mailto:events@depedagogics.com">events@depedagogics.com</a>







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Annexure E

### 7.5 MODERN WORKPLACE PROGRAM FOR EDUCATORS (Hybrid Mode)

Date (Time)	Session Title	Course	Registration Link
11-02-23 (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://forms.office.com/r/4zh7Ke317G

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

### 7.6 ACCESSIBILITY AND SPECIAL EDUCATION: SUPPORTING EQUITY IN REMOTE **LEARNING ENVIRONMENT (Hybrid mode)**

Date (Time)	Session Title	Course	Registration Link
13-02-23 (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/2NHfwTT8y7

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

### 7.7 HYBRID LEARNING (Hybrid mode)

Date (Time)	Session Title	Course	Registration Link
15-02-23 (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/HYBJAN2101

For any further query or feedback on this session, the schools may contact Microsoft Partner through email: <a href="mailto:events@depedagogics.com">events@depedagogics.com</a>







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#### CENTRAL BOARD OF SECONDARY EDUCATION

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Annexure H

#### 8.1 EXPOSURE ON CODING CURRICULUM (Online)

Exposure to Curriculum of Coding is being built through teacher training sessions with support from Microsoft from 13th March to 21st March 2023 as per the schedule mentioned below:

	Date	Time	Session Title	Registration Link
	13-03-23	3:00 PM to 4:00 PM	Introduction to Coding & Minecraft & Make Code	
PART A	14-03-23	3:00 PM to 4:00 PM	Algorithms and Variables using Block Coding	https://forms.office.com/r/q07c6h19MD
	15-03-23	3:00 PM to 4:00 PM	Control with Conditionals; Conditional in Depth	
	16-03-23	3:00 PM to 4:00 PM	Loops using Block Coding; Get Creative with Loops	
<b>B</b>	17-03-23	3:00 PM to 4:00 PM	Sequencing with Block Coding	
PART	18-03-23	3:00 PM to 4:00 PM	Functions	https://forms.office.com/r/B6jHywwZdQ
Δ'	20-03-23	3:00 PM to 4:00 PM	Hello World with Code; Arrays and Collections; Programming with Arrays	
	21-03-23	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

### 8.2 EXPOSURE ON DATA SCIENCE CURRICULUM (Online)

Exposure on Curriculum of Data Science is being built through teacher training sessions with support from Microsoft from 13<sup>th</sup> March to 20<sup>th</sup> March 2023 as per the schedule mentioned below:

Date	Time	Session Content	Registration
13-03-23	4:00 PM to 5:00 PM	Introduction to Data and Data Science; Ethics in Data Science and Data Governance	
14-03-23	4:00 PM to 5:00 PM	Arranging and Collecting Data; Data Visualization; Use of Statistics in Data Science; Distributions in Data Science	
15-03-23	4:00 PM to 5:00 PM	Identify Patterns; Data Merging; Assessing Data; Forecasting on Data; Data Randomization	
16-03-23	4:00 PM to 5:00 PM	Introduction to R Studio	https://forms.office.com/r/bLPFE3Qb8D
17-03-23	4:00 PM to 5:00 PM	Classification Algorithms; Regression Algorithms	
18-03-23	4:00 PM to 5:00 PM	Unsupervised Learning	
20-03-23	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

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

Building 21<sup>st</sup> CLD Skills & Enhancing Reading Capabilities is being built through teacher training sessions with support from Microsoft from 13<sup>th</sup> March to 18<sup>th</sup> March 2023 as per the schedule mentioned below:

Date	Time	Session Content	Registration Link
13-03-23	5:00 PM to 6:00 PM	Introduction to transforming learning with 21st CLD and skill essential for 21st century learner	
14-03-23	5:00 PM to 6:00 PM	Develop critical thinking skills, knowledge construction, knowledge transfer	
15-03-23	5:00 PM to 6:00 PM	Developing collaboration skills, its features, and levels	https://forms.office.com/r/wESidjVNpy
16-03-23	5:00 PM to 6:00 PM	Real world problem solving and innovation, Skilled and effective communication features, and importance	
17-03-23	5:00 PM to 6:00 PM	Self-regulation	
18-03-23	5:00 PM to 6:00 PM	21st Century ICT and Implementation and reflection of 21 CLD	

For any further query or feedback, the schools may contact Microsoft Partner through email: <a href="mailto:info@cyberdictiontechnology.com">info@cyberdictiontechnology.com</a>







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Annexure K

#### 8.4 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 13th March to 15th March 2023 as per the schedule mentioned below:

Date	Time	Session Content	Registration Link
13-03-23	4:00 PM to 5:00 PM	Introduction to AI fundamentals, Bot services, Cognitive services	
14-03-23	4:00 PM to 5:00 PM	Deep Learning and Natural Language Processing	https://bit.ly/AICBSEFEB
15-03-23	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

### 8.5 MODERN WORKPLACE PROGRAM FOR EDUCATORS (Hybrid Mode)

Date (Time)	Session Title	Course	Registration Link
16-03-23 (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://forms.office.com/r/hxXyFr9q8L

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

### 8.6 ACCESSIBILITY AND SPECIAL EDUCATION: SUPPORTING EQUITY IN REMOTE **LEARNING ENVIRONMENT (Hybrid mode)**

Date (Time)	Session Title	Course	Registration Link
17-03-23 (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/r05gUBQCYg

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

### 8.7 HYBRID LEARNING (Hybrid mode)

Date (Time)	Session Title	Course	Registration Link
18-03-23 (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/HYBFEB1502

For any further query or feedback on this session, the schools may contact Microsoft Partner through email: <a href="mailto:events@depedagogics.com">events@depedagogics.com</a>



