CBSE/DIR/SE/Microsoft/2022

02.11.2022
Circular No. Acad-136/2022

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. 92 dated 26.08.2022 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 7th November 2022 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**	07/11/22 to 15/11/22	***Annexure A***	01/12/22 to 09/12/22	***Annexure H***
2. **Exposure to Curriculum of Data Science**	**Online**	07/11/22 to 14/11/22	***Annexure B***	01/12/22 to 08/12/22	***Annexure I***
3. **Building 21st CLD Skills & Enhancing Reading Capabilities**	**Online**	07/11/22 to 12/11/22	***Annexure C***	01/12/22 to 07/12/22	***Annexure J***
4. **Leveraging AI tools for classroom learning**	**Online**	07/11/22 to 9/11/22	***Annexure D***	01/12/22 to 03/12/22	***Annexure K***
5. **Modern Workplace Program for Educators**	**Hybrid**	19/11/22	***Annexure E***	10/12/22	***Annexure L***
6. **Accessibility and Special Education**	**Hybrid**	10/11/22	***Annexure F***	13/12/22	***Annexure M***
7. **Hybrid Learning**	**Hybrid**	12/11/22	***Annexure G***	15/12/22	***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)

'शिक्षा सदन' ,17 राऊज़ एवेन्यू ,इंस्टीटूशनल एरिया, नई दिल्ली–110002
'Shiksha Sadan', 17, Rouse Avenue, Institutional Area, New Delhi – 110002

फ़ोन/Telephone: 011-**23216963, 23214737** वेबसाइट/Website :http://www.cbseacademic.nic.in ई-मेल/e-mail: directorvoc.cbse@gmail.com.

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 - 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 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 – 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

5.1 EXPOSURE ON CURRICULUM OF CODING (Online)

Exposure to Curriculum of Coding is being built through teacher training sessions with support from Microsoft from 7th November to 15th November 2022 as per the schedule mentioned below:

	Date	Time	Session Title	Registration Link
PART A	07-11-22	3:00 PM to 4:00 PM	Introduction to Coding & Minecraft & Make Code	https://forms.office.com/r/mg02gBkKeM
	08-11-22	3:00 PM to 4:00 PM	Algorithms and Variables using Block Coding	
	09-11-22	3:00 PM to 4:00 PM	Control with Conditionals; Conditional in Depth	
PART B	10-11-22	3:00 PM to 4:00 PM	Loops using Block Coding; Get Creative with Loops	https://forms.office.com/r/QGzL9Q3mQ7
	11-11-22	3:00 PM to 4:00 PM	Sequencing with Block Coding	
	12-11-22	3:00 PM to 4:00 PM	Functions	
	14-11-22	3:00 PM to 4:00 PM	Hello World with Code; Arrays and Collections; Programming with Arrays	
	15-11-22	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

5.2 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 7th November to 14th November 2022 as per the schedule mentioned below:

Date	Time	Session Content	Registration
07-11-22	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/GhdX44gi2s
08-11-22	4:00 PM to 5:00 PM	Arranging and Collecting Data; Data Visualization; Use of Statistics in Data Science; Distributions in Data Science	
09-11-22	4:00 PM to 5:00 PM	Identify Patterns; Data Merging; Assessing Data; Forecasting on Data; Data Randomization	
10-11-22	4:00 PM to 5:00 PM	Introduction to R Studio	
11-11-22	4:00 PM to 5:00 PM	Classification Algorithms; Regression Algorithms	
12-11-22	4:00 PM to 5:00 PM	Unsupervised Learning	
14-11-22	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 C

5.3 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 7th November to 12th November 2022 as per the schedule mentioned below:

Date	Time	Session Content	Registration Link
07-11-22	5:00 PM to 6:00 PM	Introduction to transforming learning with 21st CLD and skill essential for 21st century learner	
08-11-22	5:00 PM to 6:00 PM	Develop critical thinking skills, knowledge construction, knowledge transfer	
09-11-22	5:00 PM to 6:00 PM	Developing collaboration skills, its features, and levels	https://forms.office.com/r/EVtBmvycqQ
10-11-22	5:00 PM to 6:00 PM	Real world problem solving and innovation, Skilled and effective communication features, and importance	
11-11-22	5:00 PM to 6:00 PM	Self-regulation	
12-11-22	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

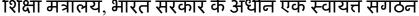## 5.4 LEVERAGING AI TOOLS FOR CLASSROOM LEARNING (Online)

Leveraging AI tools for classroom learning are being built through teacher training sessions with support from Microsoft from 7th November to 9th November 2022 as per the schedule mentioned below:

Date	Time	Session Content	Registration Link
07-11-22	4:00 PM to 5:00 PM	Introduction to AI fundamentals, Bot services, Cognitive services	
08-11-22	4:00 PM to 5:00 PM	Deep Learning and Natural Language Processing	https://bit.ly/CBSEAINOV
09-11-22	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 E

5.5 MODERN WORKPLACE PROGRAM FOR EDUCATORS (Hybrid Mode)

Date (Time)	Session Title	Course	Registration Link
19-11-22 (9:00 AM to 11:00 AM)	**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/zytRhfqmHb

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

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

Date (Time)	Session Title	Course	Registration Link
10-11-22 (11:00 AM to 1:00 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/EXKYVwJ1KF

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

Annexure G

5.7 HYBRID LEARNING (Hybrid mode)

Date (Time)	Session Title	Course	Registration Link
12-11-22 (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/CBSEHYBNOV

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 H

6.1 EXPOSURE ON CODING CURRICULUM (Online)

Exposure to Curriculum of Coding is being built through teacher training sessions with support from Microsoft from 1st December to 9th December 2022 as per the schedule mentioned below:

	Date	Time	Session Title	Registration Link
PART A	01-12-22	3:00 PM to 4:00 PM	Introduction to Coding & Minecraft & Make Code	https://forms.office.com/r/9mN1nMYKVM
	02-12-22	3:00 PM to 4:00 PM	Algorithms and Variables using Block Coding	
	03-12-22	3:00 PM to 4:00 PM	Control with Conditionals; Conditional in Depth	
PART B	05-12-22	3:00 PM to 4:00 PM	Loops using Block Coding; Get Creative with Loops	https://forms.office.com/r/4kCUVvpuL7
	06-12-22	3:00 PM to 4:00 PM	Sequencing with Block Coding	
	07-12-22	3:00 PM to 4:00 PM	Functions	
	08-12-22	3:00 PM to 4:00 PM	Hello World with Code; Arrays and Collections; Programming with Arrays	
	09-12-22	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

6.2 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 December to 8th December 2022 as per the schedule mentioned below:

Date	Time	Session Content	Registration
01-12-22	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/Z2ZkVaVCSg
02-12-22	4:00 PM to 5:00 PM	Arranging and Collecting Data; Data Visualization; Use of Statistics in Data Science; Distributions in Data Science	
03-12-22	4:00 PM to 5:00 PM	Identify Patterns; Data Merging; Assessing Data; Forecasting on Data; Data Randomization	
05-12-22	4:00 PM to 5:00 PM	Introduction to R Studio	
06-12-22	4:00 PM to 5:00 PM	Classification Algorithms; Regression Algorithms	
07-12-22	4:00 PM to 5:00 PM	Unsupervised Learning	
08-12-22	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

6.3 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 1st December to 7th December 2022 as per the schedule mentioned below:
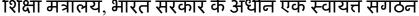
Date	Time	Session Content	Registration Link
01-12-22	5:00 PM to 6:00 PM	Introduction to transforming learning with 21st CLD and skill essential for 21st century learner	https://forms.office.com/r/aheZmugfze
02-12-22	5:00 PM to 6:00 PM	Develop critical thinking skills, knowledge construction, knowledge transfer	
03-12-22	5:00 PM to 6:00 PM	Developing collaboration skills, its features, and levels	
05-12-22	5:00 PM to 6:00 PM	Real world problem solving and innovation, Skilled and effective communication features, and importance	
06-12-22	5:00 PM to 6:00 PM	Self-regulation	
07-12-22	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 K

6.4 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 1st December to 3rd December 2022 as per the schedule mentioned below:

Date	Time	Session Content	Registration Link
01-12-22	4:00 PM to 5:00 PM	Introduction to AI fundamentals, Bot services, Cognitive services	
02-12-22	4:00 PM to 5:00 PM	Deep Learning and Natural Language Processing	https://bit.ly/CBSEAIDEC
03-12-22	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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(An Autonomous Organisation Under the Ministry of Education, Govt. of India)

Annexure L

6.5 MODERN WORKPLACE PROGRAM FOR EDUCATORS (Hybrid Mode)

Date (Time)	Session Title	Course	Registration Link
10-12-22 (9:00 AM to 11:00 AM)	**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/3UayrwFnqt

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

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

Date (Time)	Session Title	Course	Registration Link
13-12-22 (11:00 AM to 1:00 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/ca4HtmDjjj

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

6.7 HYBRID LEARNING (Hybrid mode)

Date (Time)	Session Title	Course	Registration Link
15-12-22 (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/CBSEHYBDEC

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

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