CBSE/SE/JS/AI/2019

Date: 24.09.2019
Circular No: Acad-55/2019

To
The Heads of all Institutions
Affiliated to CBSE

Subject: Availability of the Facilitators Handbooks on Artificial Intelligence - reg

Greetings from CBSE!

1. As you are aware that CBSE had announced AI as a skill subject for children studying in class 8 and 9 vide its circular no. 14/2019 dated 9th March 2019 with the objective to develop an 'AI-Ready Generation' who can understand AI and apply it to solve local and global problems.

2. Driven in collaboration with Intel's initiative – 'AI4Youth'; this curriculum is an immersive, hands on learning journey based on experiential methodologies covering both social and technology skills.

3. This curriculum is age appropriate and focusses on building an AI mind-set, relevant skill-sets and tool-sets. Learners are introduced to the three domains of AI viz. Computer Vision, Natural Language Processing and AI for Data, and how they can be applied to create meaningful social impact projects. They also learn core skills such as problem solving, creative thinking, self-reflection, and develop their knowledge on AI ethics, privacy concerns and AI Biases.

4. Hon'ble Union Minister for Human Resource Development *Shri Ramesh Pokhriyal 'Nishank'* and Minister of State for HRD *Shri Sanjay Dhotre,* on 12th September 2019, released the following curriculum manuals on Artificial Intelligence, which have been prepared by a designated task force in collaboration with industry:

    (i) **Facilitator's handbook for AI Curriculum for students studying in class 8 and 9:** This Handbook has been curated for 112 hours curriculum which is an immersive hands-on learning journey based on experiential methodologies covering both social and technology skills.

    (ii) **Facilitator's handbook on AI Integration across Subjects:** This document has been prepared as a guide to enhance the multidisciplinary approach in teaching-learning process whilst integrating AI. It suggests how schools may train their teachers of Class 6 to 10 to relate the relevant topics/themes from their respective curricula with technologies that AI deploys. This document also showcases AI based tools that can support and augment learning across disciplines, in and out of the classrooms.

5. **Both these handbooks, alongwith a booklet giving a brief introduction of the 15 projects made by the students of the schools who were put on a fast track mode to study the impact of the curriculum; are available on the CBSE website and can be accessed using any of the following links: http://cbseacademic.nic.in/ai.html or http://cbseacademic.nic.in/skill-education.html.**

6. For any further query/suggestion, the schools may contact Joint Secretary, Department of Skill Education, CBSE*, 'Shiksha Sadan',* 17, Rouse Avenue, New Delhi-110002 through email at jsse.cbse@gmail.com or skilleducation.cbse@gmail.com .

(Dr. Biswajit Saha)
Director (Training and 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-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-54.
4. The Director of Public Instructions (Schools), Union Territory Secretariat, Sec-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 –791111.
7. The Director of Education, Govt. of Andaman & Nicobar Islands, Port Blair – 744101.
8. The Director, Central Tibetan School Administration, ESSESS Plaza, Community Centre, Sec 3, Rohini.
9. The Additional Director General of Army Education, A–Wing, Sena Bhawan, DHQ, PO, New Delhi-01.
10. The Secretary AWES, Integrated Headquarters of MoD (Army), FDRC Building No.202, Shankar Vihar (Near APS), Delhi Cantt-110010.
11. 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.
12. All Director/Heads/ In-Charges, COEs of the Board with request to disseminate the information.
13. All Joint Secretary/Deputy Secretary/Assistant Secretary, CBSE.
14. Assistant Secretary, IT Unit with the request to put this circular on the CBSE Academic website.
15. The Public Relations Officer, CBSE.
16. PS to Chairperson, CBSE.
17. SPS to Secretary, CBSE.
18. SPS to Controller of Examinations, CBSE.
19. SPS to Director (IT), CBSE.
20. SPS to Director (CTET).
21. SPS to Director (Edusat).
22. SPS to Director (Academics) CBSE.
23. SPS to Director (Professional Exam), CBSE.
24. SPS to Director (Training & Skill Education), CBSE.

Director (Training and Skill Education)

Ms. Anita Karwal, IAS, Additional Secretary and Chairperson CBSE, Mr. Greg Slater, VP and Senior Director, Global Regulatory Affairs, Intel Corporation along with senior officials from CBSE at the Celebrating AI Readiness event on 11 September 2019, Delhi

First-ever AI4Youth cohort felicitated by Ms. Anita Karwal, IAS, Additional Secretary and Chairperson CBSE and Mr. Greg Slater, VP and Senior Director, Global Regulatory Affairs, Intel Corporation at the Celebrating AI Readiness event on 11 September 2019, Delhi