



# 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/SE/JS/2021

09.03.2021

### NOTIFICATION

### AI STUDENT COMMUNITY

CBSE in collaboration with Intel is launching **AI Student Community** – a youth-driven platform to encourage collaborative learning, sharing and creating AI-enabled social impact solutions. The objective is to help create a 'Digital First' mindset, unlock the true potential of AI for society, and build an AI-ready generation.

#### AI Student Community (AISC) aims to:

- Provide a platform for students to come together for learning and sharing experiences
- Leverage peer knowledge to create AI-enabled social impact solutions
- Spread AI awareness in an inclusive way

#### Key features of AISC:

1. This community is for students from all across the country.
2. Students will be able to register using basic information and later on access the website using a Login ID and a password
3. Registered members (students) will be able to:
  - Learn AI as a skill and its application for social impact projects through real time webinars with Intel® AI certified coaches and experts
  - Access AI learning resources curated from across the world
  - Attend webinars and face to face boot camps to enhance their AI skills
  - Participate in online challenges to test their knowledge and up-level themselves
  - Share their experiences as Blogs
  - Connect with students from across the country
  - Discuss and deliberate on relevant AI topics in a moderator curated forum
  - Get an opportunity to participate in national and international competitions and attend exclusive boot camps

To register, the 'AI Student Community' platform can be accessed on the CBSE website <http://www.cbseacademic.nic.in/> under the tab 'AI Student Community'.

To know more about 'AI Student Community', please refer to the Information Manual (attached).

For any further queries / feedback please contact [ai4cbse@gmail.com](mailto:ai4cbse@gmail.com) or [jisse.cbse@gmail.com](mailto:jisse.cbse@gmail.com)

All the principals and teachers are requested to kindly visit and join this community and also share this information with students and encourage their students to take benefit out of this platform.

(Dr. Biswajit Saha)

Director (Skill Education and Training)



'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, 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 Additional Director General of Army Education, A – Wing, SenaBhawan, DHQ, PO, New Delhi - 110001
10. The Secretary AWES, Integrated Headquarters of MoD (Army), FDRC Building No. 202, Shankar Vihar (Near APS), Delhi Cantt - 110010
11. DS to Chairman, CBSE - for kind information of the Chairman, CBSE
12. All the Heads of Department of the Board.
13. 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.
14. Head (Media & Public Relations), CBSE
15. Assistant Secretary (IT), CBSE, Rouse Avenue with the request to upload this notification on the CBSE Academic website

**Director (Skill Education and Training)**



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

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# Introduction

National Education Policy 2020 acknowledges the importance of artificial intelligence (AI) and emphasizes on preparing students for an AI driven economy. The policy focuses on making education more experiential and future-oriented, building crucial skills such as data analysis, computational thinking etc. from a young age through teaching of contemporary subjects such as Artificial Intelligence.

CBSE had introduced AI as a skill subject for students from grade 8 upwards in 2019 with the objective to develop an 'AI-Ready Generation' – youth who can understand and apply AI to solve local and global problems. Since then, more than 4926 schools have affiliated to include AI as a skill subject enabling India's future workforce to become AI-ready.

## About AISC

AI Student Community (AISC) has been envisaged to help build a digital-first mindset and support an AI-Ready generation. It has been designed as a youth-driven community of practice enabling collaborative learning, sharing, and creating real-life social impact AI solutions.

The key objectives of the community are:

- Provide a platform for students to come together for learning and sharing experiences
- Leverage peer knowledge to create AI enabled social impact solutions
- Spread AI awareness in an inclusive way

The community will be open for across India – from CBSE and other Schools. Once registered the students will be able to:

- Learn AI as a skill and its application for creating social impact projects through webinars with Intel® AI certified coaches and experts
- Access AI learning resources curated from across the world
- Attend webinars and face to face boot camps to enhance their AI skills
- Participate in online challenges to test their knowledge and up-level themselves
- Share their experiences as Blogs

- Connect with other students from across the country
- Discuss and deliberate on relevant AI topics in a moderator curated forum
- Get an opportunity to participate in national and international competitions

## Key Elements

Within the community, following key elements have been included which can be accessed:

**Dashboard** - This is the landing page right after signing in. This page lists out all the elements of the community and each can be accessed from here.

**Let's Learn** - This segment contains:

- Video resources on AI and python; includes Introduction to AI, AI domains, AI ethics etc.
- Exclusively curated self-directed python notebooks to get hands-on experience
- Additional links and documents for in-depth understanding of concepts

**Events** - This will have the list of events that may be organised in an online and/ or offline mode. This may include:

- Hands-on learning sessions by Intel® AI certified coaches and trainers
- Exclusive sessions on the CBSE AI curriculum
- Bootcamps & Hackathons
- Talks by AI experts and leaders from different industries
- AI challenges & Quiz

**Forum** - A place for students to connect with each other, access information around common problems/ issues, and discuss, deliberate and share relevant information. All discussions/ threads will be moderated.

**Blogs** - Relevant articles/ stories shared by students will be curated here for everyone to access and read. These may be further published and popularised on social media.

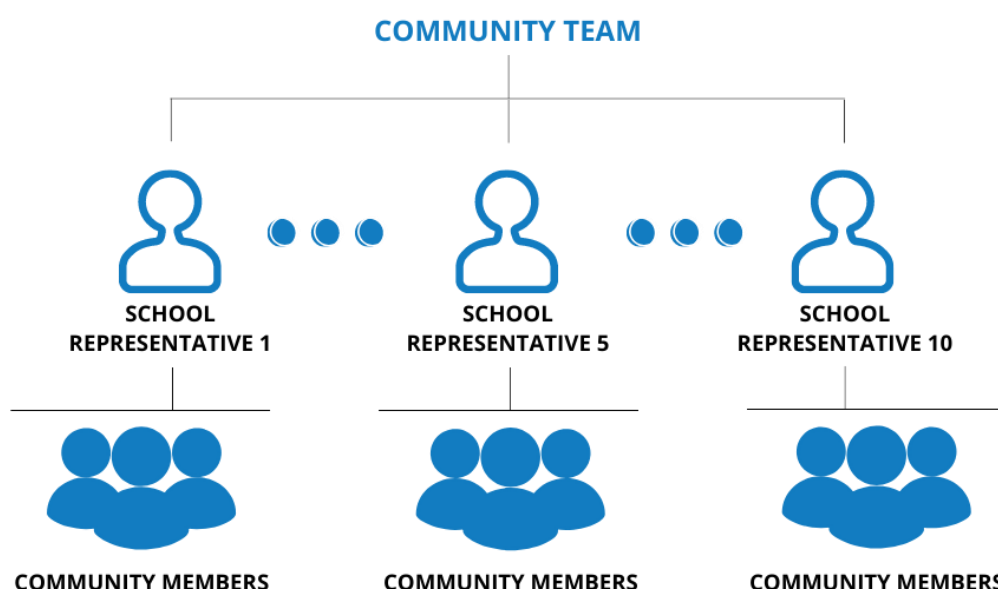
**AI Projects** - This is a repository of the AI-enabled social impact solutions built by students as part of CBSE and Intel's AI outreach programs. Students can share their videos and post moderation, those can be uploaded here.

In addition, all the community members will get a personalised dashboard from where they can:

- Explore what's new on the community
- Track their learning journey and pick up from where they left earlier
- Check out the latest news on AI from across the world
- Read the latest published blogs
- Look out for the latest events
- See the recent relevant social media stories

## Structure of the Community

The structure and the roles are defined as follows:



## Community Team

To guide the School Representatives and Community Members, the Community Team will constantly manage the daily operations of the AI Student Community. The Community Team will take strategic decisions in and around the Community as they:

- Provide a governance and support structure to assist School Representatives and Community Members
- Guide all School Representative and Community Members activities
- Resolve disputes

## School Representatives

The community platform follows a hierarchy where the AI Student Community Team enables School Representatives.

A School representative is a student who is highly active on the community platform and wishes to contribute towards its enhancement. Any community member can apply to become a School Representative. The AI Student Community team may elect school representatives based on their skills and performances. Their mandate may be to:

- Organise and host events under the community in their schools with the help of the AISC team
- Encourage more students to join AISC and if possible, create an offline community in their respective schools
- Encourage members to share their views and opinions

## Community Member

Roles and Responsibilities

- Explore the community; Increase their knowledge and understanding about artificial intelligence making use of the learning resources available on community
- Create AI enabled projects
- Participate in monthly challenges and other activities
- Assist school representatives to organise events and activities and provide feedback to them
- Take initiative to become a school representative



## Technical/Software requirement

To be able to explore the AI Student Community seamlessly:

- Students need a computer with an internet connection which has a minimum speed of 256 kbps.
- Computer Operating System can be:
  - Windows XP or above in case of Windows
  - Ubuntu 16.04 LTS or above in case of Linux
- The internet browser to be used can be:
  - Google Chrome 10.0 and above
  - Mozilla Firefox 65 and above\*
  - Internet Explorer 6.0 and above\*
- System RAM: 2GB or above
- System Storage Space: 256GB HDD or above with a minimum free space of 5GB

\*Some activities and external links are supported only on Google Chrome.