CBSE/DIR/SE&T/AI//2021

Date: 29.07.2021

Circular No.: ACAD-56/2021

То

Heads of all the Schools affiliated to CBSE

Subject: AI For All - A joint initiative by CBSE and Intel India

Governments worldwide are working on creating comprehensive National AI strategies to create sustainable, inclusive and positive impact on its citizens, industries and overall societies. A skilled and competent workforce is the foundation for growth of any nation and industries in the AI world. An AI driven economy requires a new approach to a nation's education system including ways to empower larger non-technical audiences with AI social and technical skills for real world applications.

India's own National Strategy for Artificial Intelligence is built on the philosophy of 'AI For All'. The approach is to leverage exponential technologies toward inclusive growth, develop population-scale AI solutions for societal needs and leverage India's unique position to be a global leader for inclusive technologies. Further acknowledging the importance of AI, the National Education Policy – 2020 has also emphasized on preparing students for an AI driven economy by providing access to relevant skillset and toolset to make them ready for future.

In sync with the larger goal of enabling and empowering the next generation with AI skills, CBSE introduced AI as a subject in 2019 from class VIII and has since then extended it from class VI – XII. The aim is to demystify AI for students, equip them with the skill sets and the mind-set required for AI readiness and enable them to create meaningful social impact solutions as evidence of achievement.

To further add to the cause of national AI readiness, a new program – *AI For All* was launched by Hon'ble Prime Minister of India, *Shri Narendra Modi ji*, on July 29<sup>th</sup>, 2021. This program is driven by the Central Board of Secondary Education in collaboration with Intel India and aims to increase public awareness about AI.

'AI For All' is a 4-hour, self-paced, micro learning program aimed to help demystify AI for general public. The program is divided into two sections: AI Aware, and AI Appreciate. Both sections can be completed in about four hours. Each section includes images and interactive activities with a short and easy quiz. Passing this quiz grants the participant a digital badge and a certificate that they can share on their social media accounts and tag #AIForAII. Participants can take this quiz as many times as they want.

#### The program can be accessed in any of the following ways:

- **1.** Through the CBSE Academic Website (link: <a href="http://cbseacademic.nic.in/aiforall.html">http://cbseacademic.nic.in/aiforall.html</a>) wherein it is available in 11 Indian languages. (For details, please refer to **Annexure-1**).
- 2. The courses can be accessed on DIKSHA CBSE platform (link: <a href="http://bit.ly/cbse-diksha">http://bit.ly/cbse-diksha</a> in English and Hindi languages. (For details and links, please refer to *Annexure-II*)

Heads of all the affiliated schools are requested to promote this initiative among all stakeholders (Students, teachers and parents) and also among the citizens in the neighbourhood.

For any further clarification, you may write to us at <a href="mailto:support@ai-for-all.in">support@ai-for-all.in</a> or call the helpline number at +91-9964600800 (9 am to 8 pm; Monday to Friday) for any queries or any technical support.

(Dr. Biswajit Saha)

**Director (Skill Education and Training)** 

Encl: Annexure-I: Information Manual for AI For All

Annexure – II: Details for accessing courses on the DIKSHA CBSE Platform



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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 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, Sector 3, Rohini
- 9. The Additional Director General of Army Education, A Wing, Sena Bhawan, 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. Ms. Shweta Khurana, Director Government Programs and Partnerships, Intel, India
- 12. DS to Chairman, CBSE for kind information of the Chairman, CBSE
- 13. All the Heads of Department of the Board
- 14. 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
- 15. Head (Media & Public Relations), CBSE
- 16. Assistant Secretary (IT), CBSE, Rouse Avenue with the request to upload this notification on the CBSE Academic website
- 17. In charge, Hindi Cell, CBSE HQ for Hindi Translation of this notification

**Director (Skill Education and Training)** 













# **Al For All**

## Information Manual

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#### Introduction

India's National Strategy for Artificial Intelligence, by NITI Aayog, is built on the philosophy of 'AI For All'. The approach is to leverage exponential technologies toward inclusive growth, develop population-scale AI solutions for societal needs and leverage India's unique position to be a global leader for inclusive technologies.

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.

An AI driven economy requires rigorous programs and interventions to address current and future AI skill gaps and empower a larger non-technical audience with AI social skills and tech skills for real world applications.

Hon'ble Prime Minister of India, Shri Narendra Modi, launched a new initiative 'AI For All', a program for public awareness on Thursday, July 29, 2021. This program is driven by the Central Board of Secondary Education, Ministry of Education, Government of India, in collaboration with Intel India.

## About the Program

'Al For All' is a 4-hour, self-paced, micro-learning program aimed to help demystify Al for the general public. The program is divided into two sections: Al Aware, and Al Appreciate. Both sections can be completed in about four hours.

- Al Aware introduces the participant to Al and helps them to realize that Al mimics Human intelligence. After going through this section, the participant will be able to:
  - o Describe what AI is and get to know what it can do.
  - Become aware of present-day applications of AI.
  - Debunk some common misconceptions around it.
- 2. Al Appreciate helps to understand the possibilities, concerns, and the principles of responsible Al and Al ethics. Along with understanding these key concepts, the participants will be able to:
  - Understand the key domains of AI.
  - Impact of AI across various industries.
  - o Get started with a personal plan to explore Al.

Each section includes images and interactive activities with a short and easy quiz. Passing this quiz grants the participant a digital badge and a certificate that they can share on their social media accounts and tag #AIForAII. Participants can take this quiz as many times as they want.





## Key features

- The program has self-paced content for users with inbuilt questionnaires to help check the knowledge gained.
- The content is compatible with various talkback applications used by the visually impaired people, making it accessible and helping them get acquainted with Artificial Intelligence.
- The program is available in 11 languages English, Hindi, Malayalam, Tamil, Telugu, Oriya, Bengali, Kannada, Gujarati, Marathi, Punjabi

## **Registration Process**

Steps for registering

- 1. Open the link <a href="http://cbseacademic.nic.in/aiforall.html">http://cbseacademic.nic.in/aiforall.html</a> (will be visible post launch)
- 2. As a new participant Click 'Register'
- 3. Fill in the details asked in the form
  - a. Add your name, mobile number, state
  - b. Select your preferred language from the drop down, enter your Date of Birth, Gender
  - c. Keep referral code blank
  - d. Complete the Human verification check, by clicking on the checkbox
  - e. Click 'Send Verification Code' to get an OTP (One-time password) on the mobile number added in the form
  - f. In the next screen, enter the OTP received on your phone and click the button 'Verify & Register'

This completes your registration. Now you may click on 'Go to Lessons' and start your Al journey.

## **Login Process**

To log in the program at any time, post successful registration, please follow the steps:

- 1. Open the link <a href="http://cbseacademic.nic.in/aiforall.html">http://cbseacademic.nic.in/aiforall.html</a> (will be visible post launch)
- 2. Enter the mobile number used for registration.
- 3. Click on the checkbox for human verification.
- 4. Click on "SMS Text Login Code" button to get your OTP on registered mobile number.
- 5. Lastly, Click the "Verify" button to complete your login.

## Frequently Asked Questions (FAQs)

#### 1. What is AI For All?

Al For All is a self-learning online program designed to raise public awareness about Artificial Intelligence (Al) in the country. It aims to demystify Al for people from all walks of life – a student, a stay-at-home parent, a professional in any field, a senior citizen - basically, anyone interested in getting acquainted with it.

#### 2. Who is this program for? Who all should/ can attend/ participate in it?

The program is for anyone who may be interested in getting acquainted with AI. It does not claim to skill/train or make anyone an AI expert, but to provide a basic understanding of AI and empowerment enough to communicate about it. As of now, the program is available in 11 languages - English, Hindi, Malayalam, Tamil, Telugu, Oriya, Bengali, Kannada, Gujarati, Marathi, Punjabi. The entire content is compatible with various talkback applications also to make it completely accessible for the visually impaired.

#### 3. What is the duration of this program?

The program is divided into two sections: Al Aware, and Al Appreciate. Both sections can be completed in about four hours.

#### 4. What all is covered in the program?

The program is divided into two sections: Al Aware and Al Appreciate and includes the following - Basic understanding of Al, it's applications, and myths and misconceptions around it Knowledge of the key domains of Al -Computer Vision, Natural Language Processing and Statistical Data; their impact on various industries, Al Ethics and the principles of responsible Al

#### 5. What are the prerequisites for this program?

Any smart device such as Smartphone, Laptop or Desktop and good internet connectivity with a minimum bandwidth of 512kBps are the prerequisite for this program

#### 6. What will I get once I complete the program?

Firstly, upon completion of both the stages of the program, you will know more about AI and become confident enough to converse about this technology which is being considered as the power that may drive the future.

Secondly, you will become a proud owner of the two digital badges -AI Aware and AI Appreciate. You may also like to share it with your friends and family on social media with #AIForAII and in an offline mode too.

#### 7. Can I call myself an AI expert after attending this program?

This program has been designed to enable citizens to take their first step towards an AI inclusive world. It does not claim to skill/train or make anyone an AI expert, but is aimed to provide a basic understanding of AI and empowerment enough to communicate about it.

#### 8. I have finished the program. What is the next step?

With the knowledge gained from this program, participants can make a self-learning plan for their AI exploration journey. They can choose the domain they are interested in and begin their self-paced AI learning journey which will take them step by step through their topic of interest.

### 9. I am unable to select my birth year on the registration page. What should I do?

You may write to us at <a href="mailto:support@ai-for-all.in">support@ai-for-all.in</a>

#### 10. I did not receive the verification mail. What should I do?

You may write to us at <a href="mailto:support@ai-for-all.in">support@ai-for-all.in</a>

#### 11. My query is not resolved yet - whom should I reach out to?

You may write to us at <a href="mailto:support@ai-for-all.in">support@ai-for-all.in</a> or call the helpline number at +91-9964600800 (9 am to 8 pm; Monday to Friday) for any queries or any technical support.

#### 12. Can I add multiple users from single mobile number registration?

Yes, you can use the "ADD SUB USER" button that can be accessed in the settings section post login.

## Support

You may write to us at reach out to us at <a href="mailto:support@ai-for-all.in">support@ai-for-all.in</a> or call the helpline number at +91-9964600800 (9 am to 8 pm; Monday to Friday) for any queries or any technical support.

### Accessing courses on the DIKSHA CBSE Platform

**Step1:** Download the DIKSHA App on your Android smartphone by clicking on the

following link: <a href="http://bit.ly/cbse-diksha">http://bit.ly/cbse-diksha</a>

Step 2: Sign in using existing DIKSHA account **OR** Sign in via Google **OR** register yourself

using any email ID / phone number

Step 3: Click on the following links or scan the QR codes to open the course on DIKSHA

mobile application:

**♣** For those who want to access the course in English medium:

#### Al Aware (English):

https://diksha.gov.in/explorecourse/course/do 313331600433987584114221



#### Al Appreciate (English):

https://diksha.gov.in/explorecourse/course/do 313332146351464448117096



For those who want to access the courses in Hindi medium:

#### Al Aware (Hindi):

https://diksha.gov.in/explorecourse/course/do 313332196011458560117902



#### Al Appreciate (Hindi):

https://diksha.gov.in/explorecourse/course/do 313332198213189632117921



**Step 4**: If you want to access these courses from your Laptop/ Desktop, please click on the aforementioned links directly and sign in to join the course.

#### Please note that:

- ⇒ Participants will have to achieve a minimum of 70% to attain the certificate.
- ⇒ The certificate will be generated within 7 working days, if the course has been 100% completed and a minimum of 70% score has been attained in the course assessment.
- ⇒ The name in the certificate will be the same as the one that reflects in your user profile on DIKSHA