CBSE/DIR/TRG& SE/2020

Date: July 4, 2020
Circular No: Acad 46/2020

To
All the Head(s) of Institution(s) affiliated to CBSE

**Subject:  Teacher training on Augmented Reality (AR) and Student training on Digital Safety and Online Well-being, in association with Facebook**

Immersive technology such as **Augmented Reality** is going to be one of the most significant technologies of the future. NASSCOM in its report 'Augmented/Virtual Reality Next Big Thing of Digital Environment' suggested all key industries will leverage these technologies. This will create demand for developers trained in these technologies in the near future.

At the same time**,**with growing internet access and usage, online abuse, bullying, misinformation, fake news, internet addiction etc are increasingly becoming important issues to deal with. several people are dealing with anxiety, stress due to physical distancingand loss of jobs due to COVID-19. Besides, the closure of schools has created a need, now more than everfor teachers and students to connect online.

The ability to navigate through these challenges and situations has become more vital than ever. Considering this, **CBSE** has partnered with **Facebook India** to launch free and comprehensive training program for teachers and students of its affiliated schools in following areas in the first phase from August - November 2020 in virtual mode. All participants will receive a joint e-certificate from CBSE and Facebook, onsuccessful completion of the course.

| Category | Link for registration | Registration date | Programme Launch date |
|---|---|---|---|
| 1.  **Three weeks' Augmented Reality program for10,000 teachers** | http://www.cbseacademic.nic.in/fb/facebookforeducation.html | **July 6-20, 2020**  Details may be seen at Annexure | **August 10,2020** |
| 2.  **Digital Safety and Well-being for 10,000 students**   a)  Digital Safety and Well-being   b)  Instagram Toolkit: Building Healthy Digital Habits | http://www.cbseacademic.nic.in/fb/facebookforeducation.html  Interested schools can request a timeslot for training a batch of students. | | **August 6, 2020** |

**Note: CBSEwill notify the list of selected teachers and students on its website.**

In the second phase, CBSE will introduce AR and digital safety programs for 30,000 students in each category. Detailed modalities will be notified in due course of time.

Therefore, schools are requested to nominate their teachers and students for the training programs separately using the following link:  http://www.cbseacademic.nic.in/fb/facebookforeducation.html
For any query, schools may contact **CBSE** at jstraining2018.cbse@gmail.com or jsse.cbse@gmail.com; or **Facebook India** at siddharthm@fb.com

**(Dr. Biswajit Saha)**
**Director (Trainings & 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, SJS Marg, Delhi-110016.
2. The Commissioner, NavodayaVidyalayaSamiti, B-15, Sector-62, Institutional Area, Noida 201309.
3. The Additional Chief Secretary (School Education), Government of Sikkim, Gangtok, Sikkim –737101
4. Principal Secretary (School Education), Government of Arunachal Pradesh, Itanagar
5. The Principal Secretary (School Education), Government of NCT of Delhi, Old Secretariat, Delhi - 54.
6. The Principal Secretary (School Education), Union Territory Secretariat, Sec- 9, Chandigarh
7. The Principal Secretary (School Education), Govt. of A&N Islands, Port Blair
8. The Principal Secretary (School Education), Govt. of Odisha
9. The Principal Secretary (School Education), Govt. of Chhattisgarh
10. The Principal Secretary (School Education), Govt. of Tripura
11. The Principal Secretary (School Education), Govt. of Haryana
12. The Director of Education, Directorate of Education, Govt. of NCT of Delhi, Old Secretariat, Delhi
13. The Director of Public Instructions (Schools), Union Territory Secretariat, Sector 9, Chandigarh-160017
14. The Director of Education, Govt. of Sikkim, Gangtok, Sikkim –737101
15. The Director of School Education, Govt. of Arunachal Pradesh, Itanagar –791 111
16. The Director of Education, Govt. of A&N Islands, Port Blair - 744101
17. The Director, Central Tibetan School Administration, ESSESSPlaza, CommunityCentre,Sector3,Rohini
18. The Additional Director General of Army Education, A–Wing, Sena Bhawan, DHQ, PO, New Delhi-110001
19. The Secretary AWES, Integrated Headquarters of MoD (Army), FDRC Building No. 202,Shankar Vihar (Near APS), Delhi Cantt-110010
20. 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.
21. All Regional Director/Heads/ In-Charges, CBSE-COEs with request to disseminate the information
22. The Head Public Relations, CBSE
23. EO to Chairperson, CBSE
24. SPS to Secretary, CBSE
25. SPS to Director (Information Technology), CBSE
26. SPS to Director (Academics) CBSE.
27. SPS to Controller of Examinations, CBSE
28. SPS to Director (Training &Skill Education), CBSE
29. SPS to Director (Professional Exam), CBSE
30. In charge IT Unit with the request to put this circular on the CBSE Academic website

**Director (Training and 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, 23214737वेबसाइट/ Website:www.cbseacademic.nic.inई/मेल-e-mail: dirtraining.cbse@gmail.com,directorvoc.cbse@gmail.com.

# COURSE DETAILS

## 1. AUGMENTED REALITY FOUNDATION(FOR TEACHERS ONLY)

**About the Program:**

AR by School of Innovation from Facebook focuses on upskilling candidates on the ground breaking technology of the future, Augmented Reality. The course content introduces fundamentals of Augmented Reality and captures ways to utilize Facebook's software, Spark AR Studio, to create augmented reality experiences.

The objective of the program is to give candidates an opportunity and platform to learn how to conceptualize, create and brand their own AR experiences. Candidates will learn how to use Spark AR Studio and publish experiences on Facebook thereby becoming a part of the Spark AR ecosystem.

On completion of the program successful candidates will receive an online certification from CBSE and Facebook.

**Eligibility:**        Open to all interested teachers and principal

**Prerequisites to participate:**
1) Access to a computer system/ laptop with windows 10 and above installed
2) Facebook developer account
3) Access to smartphone and internet

**Batch Information:**        These trainings will happen in 2 batches and you will be informed via email for the next steps once you are selected for the course
- First Batch: 1600 teachers
- Second Batch: 8400 teachers

**Important Dates:**
- Application start date:        July 6, 2020
- Application end date:        July 20, 2020
- First batch start date:        August 10, 2020
- First batch completion date:        September 7, 2020
- Second batch start date:        September 25, 2020
- Second batch end date:        October 16, 2020

The course timeline is that of 3 weeks. Three (3) webinars will be organized for each batch, every Friday at 3pm - 4pm. The webinars will be via Facebook Live on the official CBSE Facebook page: https://www.facebook.com/cbseindia29/

**Registration Link**: http://www.cbseacademic.nic.in/fb/facebookforeducation.html

**Course Curriculum**:        This is a 3 weeks training program for the teachers and has 5 levels

**Week 1**
a) Level 1 - The Basics of Augmented Reality
- Augmented State of the Union; Augmented Reality Apps & Use Cases; The Layers of Augmented Reality - Tracking, Scene Understanding & Rendering; Facebook AR
b) Level 2 - Building up your Scene
- Setup & Find your way around Spark AR Studio; 3D on Spark AR; Applying Materials & Textures; Working with Rectangles, Canvases & Text; Setting up the right lighting for your effect; Adding Audio to your effect
c) Level 3 - Start a Spark
- Tracking People & Places; Working with the Face Tracker; Working with the Plane & Target Trackers; Testing your effects in Real Time
d) Interactive 'Ask Me Anything' Session by Expert

**Week 2**
a) Level 4 - Visual Programming on Spark AR Studio

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- Working with Patch Editor; Understanding the different kind of Patches; Working with Interaction Patches; Working with Facial Landmark Patches; Working with Animation Patches
  b) Level 5 - Enhancing & Sharing your Effect
  c) Publishing your AR Effect; Managing your AR Effect; Optimising you AR Effect; Interactive 'Ask Me Anything' Session by Expert

**Week 3**
  a) 1 Workshop on submitting your first AR effect
  b) Course completion

## 2. DIGITAL SAFETY AND WELL-BEING (FOR STUDENTS)

**About the Programs**

1. **Digital Safety & Well-Being:**
   Through the training, students will understand their digital identity and become responsible digital users. We will explore the essentials of how to communicate responsibly online, how to identify and respond to threats and harassment, and the tools with which they can empower themselves to stay safe and communicate safely online  Good digital habits that can support students' online well being and keep their online experience healthy and happy will also be explored. Besides, the program will help students differentiate various kinds of information available on digital platforms and explore options available to identity misinformation, report and reduce its spread.

2. **Instagram's Guide for Building Healthy Digital Habits:**
   This training is intended to support students to reflect on their Instagram usage, with the goal of ensuring that the time they spend on Instagram is positive, inspiring, and balanced. It encourages participants to talk openly about their time spent online, its impact on their socio-emotional well-being and learn more about safe and effective ways to manage online interactions. The training will also include understanding the use of Instagram features such as being able to limit certain pieces of content to a small group of close friends or being able to turn off comments on certain posts.

**Certification:** Facebook&CBSE will provide a joint e-certificate upon successful completion of a full session of either program and complete a brief assessment/feedback form.

**Registration Process**:
- **Registration via Schools:** Interested schools/ teachers can request a timeslot for training a batch of students. Just complete the registration link below to let us know how many students you would like to include in the training and a preferred and alternative date. We will confirm your slot and share a registration link for your students.
- **Direct Student Registrations:** Interested students can sign up independently and will be accepted on a first-come first-serve basis depending on availability of slots in each session.

**Each session can accommodate up to 300 participants.**

**Registration Link:** http://www.cbseacademic.nic.in/fb/facebookforeducation.html

**Timeline**:
- Application start date: July 6, 2020
- Application end date: On rolling basis
- Selected candidates will receive an email by: July 30, 2020
- Session commencement date: August 6, 2020

**Session timings**:
- From 6th August onwards, sessions will be offered daily from Monday to Friday
  o *Digital Safety & Online Well-Being*: 11:30 am -1:00 pm
  o *Instagram Toolkit for Teens:* 2:30 pm - 4:00 pm
- Each session shall be of 1.5 hours (90 minutes)

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