CBSE/DIR(ACAD)/2018

Date : December 26, 2018
Circular No. Acad-46/2018

All the Heads of Schools affiliated to CBSE

Subject: 'Ideate for India – Creative Solutions using Technology' – An Online National Challenge – reg.

In order to inculcate and sustain the spirit of innovation in the youth of our nation, the National e-Governance Division (NeGD), Ministry of Electronics and IT in collaboration with Intel India has launched an online National Challenge '*Ideate for India – Creative Solutions using Technology'.*

Aim of the National Challenge:

- To give school students of our country a unique platform and opportunity to become solution creators for the problems they see around them and their communities.
- To enable students to transition from being 'users' of technology to become 'creators' of new indigenous technologies to solve local problems in their community.

Salient Features:

1. The challenge is open to students of classes 6-12 across the country (29 States and 7 UTs).
2. There are 2 categories – Junior (classes 6-8) and Senior (classes 9-12).
3. The students can share their ideas/solutions in the following 11 core theme areas:
   a. Healthcare services
   b. Education services
   c. Digital services
   d. Environment
   e. Women safety
   f. Traffic
   g. Infrastructure
   h. Agriculture
   i. Social welfare
   j. Disability
   k. Tourism
4. The challenge will be conducted in three phases.
   a. **In phase I**–Students will access curated online videos and understand how to identify problems and then submit a 90 second video explaining the problem and their proposed solutions/ideas in an online format. Top

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10 ideas will be shortlisted from each State and UT – leading to a total of 360 students.

b. **In phase II** - From the submitted ideas in the form of videos, around 360 students (10 students per State & UT) will be selected by a panel of experts to attend 5 regional Tech-Creation Boot Camps organized in North, South, East, West and North Eastern regions of the country (1 in each region).

At the regional boot camps, students will get trained by technology experts and mentors to gain a first level/basic understanding of skills such as design thinking, ideation-idea generation, making, do-it-yourself concepts, collaboration, etc. with real time hands-on working sessions on basic electronics, robotics, 3D printing and introduction to IOT/Artificial Intelligence.

Mentoring will be provided by experts at these camps to ensure that ideas mature as prototypes. All travel and accommodation will be taken care of by Intel India.

c. **In phase III** - 50 students will be selected based on their tech-creations being implemented in the community and invited to New Delhi at a National Showcasing event and felicitated as Tech-Creation Champions. All travel and accommodation cost for students and their guardian/teacher will be taken care of by NeGD.

5. All tools, materials and logistics for boot camps and national showcase will be taken care of by the organizers.

An Information Manual containing details of the National Challenge is enclosed for ready reference. The details of the Challenge are also available at http://ideateforindia.negd.in/ or www.digitalindia.gov.in.

All schools are requested to kindly popularize and facilitate this challenge by encouraging students to take part in this unique opportunity. To register, please visit www.digital.gov.in

The last date for participation is **5th January 2019**.

For further clarifications, if any, please email at ncsupport@digital.gov.in or contact at 95-12-11-2018.

Sd/-
Director (Academics)

Encl: As stated above.

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11. The Secretary AWES, Integrated Headquarters of MoD (Army), FDRC Building No. 202,Shankar Vihar (Near APS), Delhi Cantt-110010
12. The Under Secretary (EE-1), MHRD, Govt. of India, Department of SE&L, Shastri Bhawan, New Delhi-01
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