Digital India
Power To Empower
NeGD
National e-Governance Division

Ministry of Electronics and Information Technology
Government of India

Powered by intel.

Responsible AI for Youth

A National Program for Government schools

Information Manual

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INTRODUCTION

'Ideate for India – Creative Solutions Using Technology', a national challenge by National eGovernance Division, Ministry of Electronics and Information Technology, Government of India and Intel India was launched by Hon'ble Minister for Electronics & IT, Law & Justice, Shri Ravi Shankar Prasad in December 2018. The national challenge aimed at empowering and enabling school students for a transition from being a 'user' of the technology to becoming a 'creator' of new indigenous technologies, while solving local problems in an innovative manner. The initiative ran for over a year and was a great success with students; more than a lakh students accessed the content in an online format, 5000+ ideas were submitted, and students from 30+ states attended the face to face boot camps over a period of time. A mega showcase was held in January 2020 in Delhi where 50+ social impact projects, made by students, were presented to the Hon'ble Minister for Electronics & IT, Law & Justice, Shri Ravi Shankar Prasad.

The Ideate for India challenge, conceptualised in 2018, was based on basic tech-creation skills.

With rapid advancements in technology creation and application, it is imperative to skill the future workforce on new-age skills to ensure inclusive economic growth and social development. In simple words it's important to make the next gen ready for the future led by emerging technologies such as AI.

With Governments worldwide working on creating comprehensive national AI strategies to create sustainable, inclusive and positive impact on its citizens, industries and overall societies; lack of public awareness and understanding of AI continues to contribute to an AI skill crisis. Hence there is an urgent need to demystify AI and democratize understanding of AI through appropriate AI readiness programs for future workforce.

India's own AI Strategy entitled "#AIForAll", released in June 2018, identified AI as an opportunity for the country's growth and development. The report also identified the importance of skills-based education (as opposed to knowledge intensive education), and the value of project related work in order to "effectively harness the potential of AI in a sustainable manner" and to make India's next generation to be 'AI ready'.

OBJECTIVE

With the objective to empower the youth to become AI ready and help reduce the skill gap, National e-Governance Division, Ministry of Electronics and Information Technology, Government of India and Intel India have designed **'Responsible AI for Youth' – A National Program for Government schools.**

The aim of this Program is to give the young students of our country a platform and empower them with appropriate new age tech mind-set, relevant skill-sets and access to required tool-sets to make them digitally ready for the future.

The Program is designed to reach out to students from the government schools pan India and provide them with an opportunity to become part of the skilled workforce in an inclusive manner.

The key objectives are

❏ To demystifying AI for youth and equip them with the skill sets and the mind-set required for AI readiness
❏ To democratize access to AI tools and train youth to use them skilfully
❏ To enable youth to create meaningful social impact solutions as evidence of achievement

KEY FEATURES

❏ The Program will be open to students from Government Schools; classes 8 – 12 across the country
❏ It will be implemented in a phase wise manner.
❏ **In Phase I**

· Teachers will be on-boarded for the Program either through self-nomination or with support from State Education Departments.

· Teachers to be nominated per State/UT as given under:

❏ 10 Teachers to be nominated from states/UT with less than 20 districts.
❏ 15 Teachers to be nominated from states/UT with 20-40 districts.
❏ 20 Teachers to be nominated from states/UT with more than 40 districts.

· These teachers will be provided orientation sessions aimed to help them understand the premise and identify potential students for the program. Student selection criteria will be shared during the orientation sessions.

· Each nominated teacher will identify 25 - 50 students from their respective schools and share their details with the organizing team.

· The identified students will attend online training sessions; wherein they will be introduced to AI and taken through an ideation process to help them think of social impact ideas/projects that may be created using AI.

· These students will then be encouraged to participate in the online Program and submit their ideas through a 90 seconds video explaining a proposed AI enabled solution

❏ **In Phase II**

· Top 100 ideas will be shortlisted from the online entries and these students will be invited to attend residential boot camps or online sessions (subject to COVID-19 situation); to take them through a deep dive AI journey.

· Adequate handholding will be provided by Intel certified AI coaches and mentors throughout.

· Post the bootcamps/ online sessions, these students will be asked to create real time projects and submit their final project in a video format on the website.

❏ **In Phase III**

· Top 50 project ideas will be shortlisted and students will be invited to showcase their projects in a face to face or an online format.

- Top 20 innovative projects will be selected by an independent committee of experts and provided opportunities to showcase at relevant platforms

Please note:

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

CRITERIA FOR SELECTING TEACHERS

- As a teacher, you can self-nominate yourself for the program by clicking **here**
- You can also be nominated by the State Education Departments
- 10 teachers per state/ UT will get to participate in the program
- You can apply/ get selected for this program if you
  - Are a teacher from Government School
  - Have been teaching Computer Science, Science or Mathematics to classes 8th upwards
  - Are Tech-savvy and know how to use internet as a teaching resource
  - Are Enthusiastic to learn new technology and willing to guide students
  - Have a good track record of representing school at exhibitions/conferences/competitions etc.
  - Participate actively in co-curricular or extra-curricular activities in school
  - Use mass media tools for interactive teaching
  - Have mentor-ship and leadership qualities

SUGGESTED TIMELINES: PHASE WISE

Phase	Description	ProposedDates
Phase I	Launch of the National Program	May 30, 2020
	Letter from NEGD and DOSE&L to the Education Secretaries of the States	June 2, 2020
	Teacher nomination	By July 10, 2020
	Teacher Orientation webinars	June 15 - July 30, 2020*
	Student Registrations	By August 25, 2020*
Phase II	Student Webinars	Till August 30, 2020*
	Idea Submission	By September 06, 2020*
	Results Announcement	January 12, 2021
	Student webinars for shortlisted students	TBA
	Resubmission of the project after bootcamp/ online mentoring	TBA
Phase III	Final Showcase	TBA

*In some stages, there may be over lapping