



डॉ विपिन कुमार  
निदेशक  
Dr. Vipin Kumar  
Director

राष्ट्रीय नवप्रवर्तन प्रतिष्ठान - भारत  
विज्ञान और प्रौद्योगिकी विभाग, भारत सरकार का स्वयंसेवकी संस्थान  
National Innovation Foundation - India  
Autonomous Body of Department of Science & Technology, Govt. of India

6<sup>th</sup> June, 2018  
NIF/IGNITE/06/18

To  
Dr. Dayananda Borgohain,  
Chairman  
Assam Higher Secondary Education Council  
Bamunimaidam, Guwahati-781 021  
Assam

Sub: Dr. APJ Abdul Kalam IGNITE Competition 2018: A nationwide campaign to harness the creative and innovative spirit of school children by National Innovation Foundation-India (NIF)

Dear Dr. Dayananda Borgohain,

As you may be aware that National Innovation Foundation (NIF), an autonomous body of the Department of Science and Technology, Government of India aims to recognize, respect and reward grassroots technological innovators and traditional knowledge experts. In order to promote originality and creativity among school children NIF organizes the IGNITE - nationwide competition of students' original technological ideas and innovations. In the last campaign (2017), an overwhelming response of students (65000 submissions) was received from all States and Union Territories of the country. Out of these, 56 student's ideas were selected for awards after rigorous screening. On 22nd December 2017 former president Shri Pranav Mukherjee gave the Dr. APJ Abdul Kalam IGNITE Award in presence of Shri O P Kohli, Governor of Gujarat and other dignitaries at NIF Campus, Grambharati, Gandhinagar.

The IGNITE awards are announced every year on 15<sup>th</sup> October, the birthday of Bharat Ratna, former President of India Dr A.P.J Abdul Kalam, celebrated as Children's Creativity and Innovation Day by NIF. The IGNITE competition was renamed as Dr. APJ Abdul Kalam IGNITE Awards 2015 onward to commemorate the ever inspiring memory of Dr. APJ Abdul Kalam, who had been giving awards to the winners till 2014.

NIF files patents in all applicable cases in the name of the students and develops prototypes of the students' ideas for the award exhibition. Till date NIF has filed 206 applications for patents and design registrations in the name of student awardees. For those ideas, which have market or social diffusion potential, NIF also engages designers/fabricators to develop value added prototypes/ products so that companies or partners for non-commercial diffusion can be approached. NIF's IGNITE Awards winners are eligible to get 10 bonus marks while applying for admission in B. Tech. Program at Indraprastha Institute of Information Technology

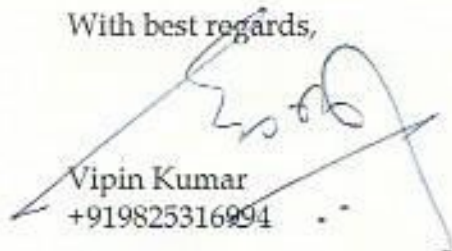
Delhi (IIITD), an autonomous institute of the Government of Delhi. These bonus marks are in addition to the 100 marks an applicant gets based on the JEE (Mains) and class XII marks

In addition to awards and incubation support, NIF also provides IGNITE winners an opportunity to participate in events like Festival of Innovation and Entrepreneurship (FINE) at the Rashtrapati Bhavan, Indian Science Congress, etc. You may be pleased to know that in the last three 'Innovation Scholar in Residence' programs of the Rashtrapati Bhavan, six IGNITE award winners were selected for residency at the Rashtrapati Bhavan where they got an opportunity to interact with the Hon'ble President, Prime Minister, Vice President, Ministers, Scientists and Policy Makers among others during their stay of about two weeks there.

For the current Dr. APJ Abdul Kalam IGNITE Competition 2018, I would like to request your board to circulate IGNITE campaign information to the affiliated schools so that students of your board can also actively participate in the competition and possibly win award at the national level. The dream of an innovative and inclusive India cannot be fulfilled without making our children creative and compassionate and for this we seek your active support.

Looking forward to your kind cooperation

With best regards,



Vipin Kumar  
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Encl: a) Draft circular  
b) Dr. APJ Abdul Kalam IGNITE 18 poster  
c) NIF Update.

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Circular No.--/

All Heads of Affiliated Schools

Sub: Dr. APJ Abdul Kalam IGNITE 18 Competition: National competition of school students' original unaided technological ideas and innovations organised by National Innovation Foundation-India (NIF)

Dear Principal,

NIF had been successfully undertaking the Dr APJ Abdul Kalam IGNITE competition in collaboration with the Honey Bee Network, CBSE, National/State Education Boards and other partners with the aim to harness the creative potential of school children. In the last campaign (2017), an overwhelming response of students (65000 submissions) was received from all States and Union Territories of the country. Out of these, 56 student's ideas were selected for awards after rigorous screening. The Award Function was organized at the Grambharati, Gandhinagar, Gujarat where the former President Shri Pranab Mukherjee gave away the awards in presence of Shri O P Kohli, Governor of Gujarat and other dignitaries.

The Board has decided to partner with NIF so that students of the region can also participate in the Dr. APJ Abdul Kalam IGNITE 18 competition, the details of which are mentioned below

- a. The last date for submission of entries to NIF, directly by students or through schools, at the following address or through email at [ignite@nifindia.org](mailto:ignite@nifindia.org) is August 31, 2018.

**Dr. APJ Abdul Kalam IGNITE 18 Competition**  
**National Innovation Foundation - India**  
**Grambharti, Amrapur, Gandhinagar-Mahudi Road**  
**Gandhinagar, Gujarat - 382650**  
**Tel: 02764261131/ 32/ 38/ 39**

- b. Entries may be submitted in the following categories:
- i. Technological practical ideas to solve any problem in day to day life
  - ii. Real life technological projects demonstrating innovative ways of solving problems or reducing drudgery or generating efficiency or conserving resources (projects demonstrating application of known scientific concepts or theories will not be accepted).
  - iii. Traditional knowledge practices documented from elders in and around one's family.
  - iv. Information about some other innovators in the neighbourhood
- c. Each entry (in case of i and ii above) should be accompanied with a certificate from parents and teachers saying that the idea / innovation has been developed and documented by the student concerned entirely on his/her own without any guidance or support from them.
- d. The awards will be announced on October 15, 2018, birthday of Hon'ble former President of India, Dr. A. P. J. Abdul Kalam celebrated as **Children's Creativity and Innovation Day**. The Awards function date will be announced later on.

- e. NIF will provide support for patenting and incubating innovative projects into products in all deserving cases. For the last few years, NIF has been able to file patents for each award winner of the IGNITE competitions apart from facilitating prototype development in most of the cases. Winners of the earlier IGNITE competitions have also won awards in NIF's National Competition at the hands of the President of India. Many student winners have participated in the innovation exhibitions organised by NIF at the Rashtrapati Bhavan and inaugurated by the Hon'ble President. IGNITE winners have also been selected in the Innovation Scholar-in-Residence program of the Rashtrapati Bhavan in the last three years. Many have been interviewed by leading national print and electronic media.
- f. IGNITE Awards winners are also eligible to get 10 bonus marks while applying for admission in B.Tech. program at Indraprastha Institute of Information Technology Delhi (IIITD), an autonomous institute of the Government of Delhi. These bonus marks are in addition to the 100 marks an applicant gets based on the JEE (Mains) and class XII marks.

We request you to give wide publicity to this competition amidst students, teachers and parents so as to activate the creative instinct in children to find solutions to the day-to-day problems.

With best wishes,

Yours sincerely,