

DIRECTORATE OF SECONDARY EDUCATION; ODISHA; BHUBANESWAR

NO.5MP-11-17-VII-

24940

IIDT. 20-7-17

To

The All District Education Officers

Sub: Dr. APJ Abdul Kalam IGNITE Competition 2017. A nationwide campaign to harness the creative and innovative spirit of school children by National Innovation Foundation-India(NIF)

Sir,

I am directed to enclose herewith letter dt.26.6.26.6.17 of Dr.Vipin Kumar Director NIF, India on the above noted subject and to request you to circulate the draft (NIF) to all Govt. and Non-Govt./Affiliated school for wide publicity and participation of student in the current year Dr.APJ Abdul Kalam / IGNITE competition 2017.

Yours faithfully,

*[Signature]*  
Deputy Director,(Sc.)

DISTRICT EDUCATION OFFICE  
JHARSUGUDA

Memo No. 2887 Date:- 27-07-2017  
Copy to all BEOs of the District / ALL

Principals / Headmaster / Headmistress of all type of Secondary Schools in the District for information. They are requested to go thoroughly and do the needful for the students.

*[Signature]*  
District Education Officer  
JHARSUGUDA

DSS  
27/7/17

*[Signature]*  
20/7/17

*[Signature]*  
20/7/17

डॉ विपिन कुमार  
निदेशक  
Dr. Vipin Kumar  
Director

05 JUL 2017

Int by  
immediately  
4/6/2017

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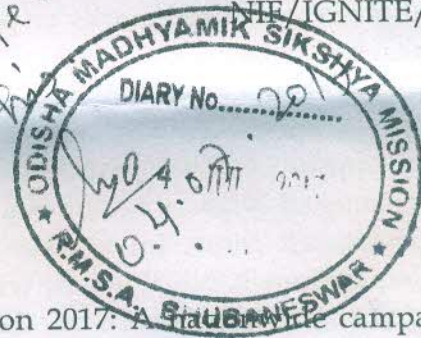
राष्ट्रीय नवप्रवर्तन प्रतिष्ठान - भारत  
विज्ञान और प्रौद्योगिकी विभाग, भारत सरकार का स्वायत्तशासी संस्था  
National Innovation Foundation - India  
Autonomous Body of Department of Science & Technology, Govt. of India

DSE/DO (Se.)  
wirely jalle  
immediate action

June 24, 2017

NIF/IGNITE/06/45

To  
Shri. Ratnakar Rout, IAS  
State Project Director, RMSA  
State Project Office, N-1/9,  
Nayapalli, Po; Sainik School,  
Bhubaneswar- 751001, Odisha



Sub: Dr. APJ Abdul Kalam IGNITE Competition 2017: A nationwide campaign to harness the creative and innovative spirit of school children by National Innovation Foundation-India (NIF)

Dear Sir,

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 (2016), an overwhelming response of students (55089 submissions) was received from all States and Union Territories of the country. Out of these, 31 student's ideas were selected for awards after rigorous screening. The Award Function was organized at the Rashtrapati Bhavan, New Delhi where the Hon'ble President Shri Pranab Mukherjee gave away the awards in presence of Dr. Harsh Vardhan, Union Minister for Science & Technology and Earth Sciences; Smt. Maneka Gandhi, Union Minister for Women & Child Development; Prof. Ashutosh Sharma, Secretary, Department of Science and Technology and other dignitaries.

The period for accepting entries for the Dr. APJ Abdul Kalam IGNITE competition is September 1 to the August 31 of the following year. The awards are announced on 15th 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.

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 over 178 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. One such

ग्रामभारती, गांधीनगर - महुडी रोड, अमरापुर, गांधीनगर - ३८२६५०, भारत

Grambharti, Gandhinagar-Mahudi Road, Amrapur, Gandhinagar - 382650, India

दूरभाष / Tel: +91 2764 261131/32/38/39, फॅक्स / Fax: +91 11 4385 1803 ईमेल / E-mail: info@nifindia.org वेब / Web: www.nif.org.in

awarded idea of a walker with adjustable legs of Shalini Kumari, Patna, has been commercialised as well. I am also happy to share that 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

Apart from the awards and incubation support, NIF also provides IGNITE winners an opportunity to participate in events like Exhibition of Innovation at the Rashtrapati Bhavan, Indian Science Congress, etc. You may be pleased to know that for the last three 'Innovation Scholar in Residence' programs of the Rashtrapati Bhavan, four IGNITE award winners were selected for residency 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 2017, I would like to request your board to continue support by circulating 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  
+91-9825316994 -  
vipin@nifindia.org

- Encl: a) Draft circular  
b) Dr. APJ Abdul Kalam IGNITE 16 award book  
c) CD containing examples of some of the innovations  
d) NIF Update.

**All Heads of Affiliated Schools**

**Sub: Dr. APJ Abdul Kalam IGNITE 17 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 (2016), an overwhelming response of students (55089 submissions) was received from all States and Union Territories of the country. Out of these, 31 student's ideas were selected for awards after rigorous screening. The Award Function was organized at the Rashtrapati Bhavan, New Delhi where the Hon'ble President Shri Pranab Mukherjee gave away the awards in presence of Dr. Harsh Vardhan, Union Minister for Science & Technology and Earth Sciences; Smt. Maneka Gandhi, Union Minister for Women & Child Development; Prof. Ashutosh Sharma, Secretary, Department of Science and Technology 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 17 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, 2017.**

**Dr. APJ Abdul Kalam IGNITE 17 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, 2017**, 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,