

Press release

National Innovation Foundation – India (NIF)

Gandhinagar

15th Oct. 2018

NIF announces the awards winners of Dr APJ Abdul Kalam IGNITE Competition 2018!

Dr APJ Abdul Kalam IGNITE 2018 competition, a national competition of original technological ideas and innovations by children up to class 12 or those out of school up to the age of 17 years, is organized by NIF every year to promote creativity and originality among children. The winners of the competition are being announced today on the 15th October, late Dr APJ Abdul Kalam's birthday, which is celebrated as the Children's Creativity and Innovation Day by NIF.

Over 90,000 submissions of students from 643 districts of all the States & Union Territories of India were received during the IGNITE 2018 competition, which ran from September 1, 2017 to August 31, 2018. On 17th November 2018 a total of 31 students from 11 States will be awarded for their 21 ideas and innovations (List of award winners annexed) at the hands of Shri Pranab Mukherjee, the former President of India at National Innovation Foundation – India's Gandhinagar office. An exhibition showcasing award winning ideas will also be held at the venue.

Dr APJ Abdul Kalam IGNITE competition is organized by NIF in association with Central Board of Secondary Education (CBSE), Honey Bee Network, and other partners. A number of other State Boards/ Councils/ Directorates/ Departments of Education/ Secondary Education/ Higher Secondary of Uttarakhand, Tripura, Punjab, Nagaland, Maharashtra, Haryana, Manipur, Tripura, Arunachal Pradesh, Tamil Nadu, Himachal Pradesh, Karnataka, Madhya Pradesh, Assam, State Councils/ Institutes of Education Research and Training of Telangana, Andhra Pradesh, Rajasthan, Karnataka and West Bengal Council of Rabindra Open Schooling, Chhattisgarh Sanskrit Vidyamandal, Rashtriya Madhyamik Shiksha Abhiyan – Chhattisgarh also actively promoted the IGNITE 2018 campaign.

NIF, an autonomous body of the Department of Science and Technology, Government of India, has been actively engaged in promoting creativity and innovation in our society. NIF has taken major initiatives to serve the knowledge-rich but economically poor people of the country. It is committed to making India innovative by documenting, adding value, protecting the intellectual property rights (IPR) of the contemporary unaided technological innovators as well as of outstanding traditional knowledge-holders and disseminating their innovations on commercial and non-commercial basis. Dr APJ Abdul Kalam IGNITE Award is an effort to focus primarily on the creativity of the children and promote inclusive and compassionate thinking among them.

For further information the following may be contacted:

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Dr A P J Abdul Kalam IGNITE Competition 2018

List of awardees

| S. No | Idea/Innovation | Name | Class | District | State/UT | School Name |
|-------|---|---------------------|-------|-------------------|-------------------|--|
| 1 | Biodegradable water bottle using local materials | Anushka Shrivastava | 9 | Bhopal | Madhya Pradesh | Sagar Public School |
| 2 | Life jacket with an oxygen mask | Mouwang Wangham | 5 | Longding | Arunachal Pradesh | Vivekananda Kendra Vidyalaya, Niauxa |
| 3 | Single multipurpose geometric instrument | Antareep Roy | 7 | Agartala | Tripura | Umakanta Academy English Medium School |
| 4 | | Sushil Sahu | 9 | Bargarh | Odisha | Jagannath Nodal High School, Lakhamara |
| 5 | Animal carcass picking machine | Tarunendra Tyagi | 7 | Rewa | Madhya Pradesh | Shasakiya Gyanodaya Vidyalaya, Shahdol |
| 6 | Tactile cum Braille signage to help visually challenged in public buildings | Supriya Jagdala | 8 | Khurdha | Odisha | Bhima Bhoi School for Blind |
| 7 | Visually challenged friendly navigation facilitation system | Lina Swain | 8 | Khurdha | Odisha | Bhima Bhoi School for Blind |
| 8 | | Purba Biswas | 12 | South 24 Parganas | West Bengal | Rashmoni Balika Vidyalaya |
| 9 | | Rahul Biswal | 12 | Khurdha | Odisha | D.A.V. Public School, Chandrasekharpur |
| 10 | Automatic fungus/algae cleaning machine | Sneharakhi Apat | 8 | Khurdha | Odisha | KIIT International School |
| 11 | | Mohi Diwan | 11 | Hoshangabad | Madhya Pradesh | Shanti Niketan Sr. Sec. School |

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|----|---|-----------------------------|----|----------------|-------------------|---|
| 12 | Multipurpose tool for agricultural use | Sneha Chakraborty | 8 | Khowai | Tripura | Khowai Govt. English Medium School |
| 13 | Fall alert alarm in bathroom | Kiran Choudhury | 9 | Khurdha | Odisha | B J English Medium School |
| 14 | | Adyasha Priyadarshinee Rath | 9 | Khurdha | Odisha | |
| 15 | Doorbell triggered vibration alert in pillows | Dasmat Murmu | 9 | Khurdha | Odisha | Kalinga Institute of Social Science |
| 16 | Bamboo basket weaving machine | Sumit Murari | 11 | Bokaro | Jharkhand | Kendriya Vidyalaya No. 3 |
| 17 | Smart cervical collar | Digantika Bose | 10 | Burdwan | West Bengal | Memari Rasiklal Smriti Balika Vidyalaya |
| 18 | Low cost shellac processing technique | Debangshu Kumar | 10 | Purulia | West Bengal | Balarampur Phool Chand High School |
| 19 | Sea buckthorn harvester | Tsering Omphel | 9 | Leh | Jammu and Kashmir | Govt. Higher Secondary School, Chushot Shamma |
| 20 | Low cost portable Chironji decorticator | Indrajeet Singh | 11 | West Singhbhum | Jharkhand | Govt. High School, Barajamda |
| 21 | Dustbin with trapped animal indicator | Rohit R Manavadiya | 11 | Gandhinagar | Gujarat | Smt. R C Patel School |
| 22 | Pesticide spray pump with mandatory protective mask | Parth V. Patel | 8 | Sabarkantha | Gujarat | Nikidiya Prathmik Shala, Chhadarda |
| 23 | | Aditya K. Chauhan | 6 | Sabarkantha | Gujarat | Nachiket Vidyalaya, Hadiyol |
| | | Rohit R Manavadiya | 11 | Gandhinagar | Gujarat | Smt. R C Patel School |
| 24 | | Jaydeep B Raval | 9 | Gandhinagar | Gujarat | Shree Jayprakash Vidyalaya |

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|----|---|------------------|----|-------------|-------------|--------------------------------------|
| 25 | Porter payment calculating device | Surya A J | 12 | Chennai | Tamil Nadu | Vidya Mandir Senior Secondary School |
| 26 | | Venkateswaran S. | 12 | Chennai | Tamil Nadu | |
| 27 | | Harrish K. | 11 | Chennai | Tamil Nadu | |
| 28 | | Venuram R.R | 12 | Chennai | Tamil Nadu | |
| 29 | Assistive spectacles for the deaf with voice to text conversion and display feature | Madhav Lavakare | 12 | New Delhi | Delhi | Sanskriti School |
| 30 | Innovative and low cost bed with detachable wheel chair | Arushi Tandon | 12 | Kolkata | West Bengal | Delhi Public School, Ruby Park |
| 31 | Shock absorbing stretcher | Hema Pradhan | 12 | West Sikkim | Sikkim | Govt. Sr. Sec. School, Tashiding |