

Dr. A P J Abdul Kalam Ignited Mind children creativity and innovation Awards Final Result 2022

AWARDS

No.	Name	District	State and UTs	Class	School Name	Topic
1.	R. Madhumitha	Virudhunagar	Tamil Nadu	12th	Devangar Girls Higher Secondary School, East Car Street, Chokkalingapuram, Aruppukottai Virudhunagar District, Tamilnadu	<p>CONFY AID - A driving Tool designed for the two-wheeler drivers suffering from hearing Impairment.</p> <p>The device has sensor to identify the side from which a vehicle is approaching the two-wheeler. The handlebar will vibrate on the left or right side depending upon the side from which a vehicle behind is approaching the two-wheeler. A hearing-impaired two-wheeler driver can thus drive safely using this tool.</p>
2.	Kartik Joshi	Vadodara	Gujarat	12th	New Era Senior Secondary School, Vadodara	<p>EduBox - An innovative learning system using token-operated screens designed for students unable to afford online class.</p> <p>EduBox can be easily deployed in public spaces as an automated system with a token-operated screen so that anyone can learn effortlessly. The used plastic bottle can be used as a token to grant 10 minutes of video-based instruction on basic subjects.</p>

3.	Sufiyan Mohammed Hanif Patel	Jalgaon	Maharashtra	7th	Tapti Public School, Bhusawal, Maharashtra 425202	<p>Mouth Operated Vacuum Page Turner for people with upper Limb deformities.</p> <p>People suffering from upper limb deformities have to depend on others to turn the pages of the book hence they are usually left bereft of learning. This tool will make it easier for those with limb related impairments to flip a book's pages.</p> <p><i>Eds: A pedal operated book page turning device by Swapnil Talukdar has already been recognized earlier by HBN and NIF https://nif.org.in/innovation/foot-operatedmanual-page-turning-machine/733.</i></p>
4.	Richa Pandey	Sitapur	Uttar Pradesh	8th	Vidyagyan School, Suraincha, Sidhauri, Sitapur - 261302	<p>Smart Chapati Maker: A futuristic solution to reduce the possibility of getting burned while using a griddle.</p> <p>This smart chapati maker will have two-layered stove. It will eliminate the need to repeatedly remove the chapatti griddle from the stove. The chapatis will be baked on the bottom layer and will be heated on the top layer hence reducing chances of burning.</p>

5.	Kanika Chowdhry	Delhi	Delhi	12th	Delhi Public School, Rohini, Delhi	<p>SWAASKRAM: A wearable device to detect an asthma attack before the physical symptoms appears.</p> <p>By using this wearable device SWAASKRAM, an asthma attack can be detected before any symptoms appear so that the precautionary measures can be taken. The device uses sensor, a detector, analyzer, and effector to alert the patient. The gadget is guided by the GPCR (G Protein Coupled Receptor) signaling pathway and biotelemetry.</p>
6.	Priyanka singh thakur	Bilaspur	Chhattisgarh	11th	Shaskiy Kanya Uchcharat Madhyamik Shala Masturi (Government Girls Higher secondary School Masturi)	<p>App & Letter Box for women: A tool designed to ensure Women safety.</p> <p>The issue of a girl's/women's safety is addressed by following two-pronged strategy:</p> <p>The first part involves creating an app that works without mobile network such that in case of domestic violence or any sort of safety concerns, a woman can use the app to alert the police officials for receiving immediate help.</p> <p>The second part consists of setting up letter boxes on streets where young girls going to school can post letters highlighting their concerns with respect to safety and well-being. The letter boxes stay on the streets till there are no letters in the box, meaning the complete safety of young women.</p> <p><i>Eds: Many girls suffer the taunts of miscreant boys while going or coming from school. Such a system might ensure that these letters not requiring any postage step will be delivered to senior police officers for urgent action.</i></p>

7.	Kartik Basavaraj Malgonda	Solapur	Maharashtra	8th	Haribhai Devkaran Prashala	<p>Safe gas stove – Ensure safety of hands while cooking.</p> <p>A Lighter needs adjustment for igniting gas when heavy vessels are kept on the burner. Many times, when a big utensil is kept on this gas grill, if the gas is turned off for any reason, then on re-lighting it with a lighter, the lighter cannot reach the gas burner because of the large utensil. One can get hurt by the hot utensil. Hence this safe gas stove has a hole punched in the grate. At the top of the grate where one can slide the lighter through the bottom of the utensil will allow the lighter to go through and not burn hands.</p>
8.	Chavda Shivani Jayendrasinh	Gandhinagar	Gujarat	12th	Uchttar Utar Buniyadi Kanya Vidhyalaya	<p>A cobweb and debris cleaning tool to prevent waste falling over the user.</p> <p>Wall corners and roof have cobwebs, fan blades have debris that is often very difficult to remove and the debris/cobwebs can fall on the cleaner too while cleaning. A long plastic rod with a rod at the end is fitted with a broom/brush and a small upside-down umbrella at its bottom to save the user from debris falling over him.</p>

9.	Anamika Sahu	Bilaspur	Chhatisgarh	7th	S.A.G.E.S. (Swami Atmanand English medium School) Masturi	<p>A Smart Charger to indicate full charging thus saving electric energy.</p> <p>In order to save electricity in cases where charging still continues even after full charge, a smart charger can display varying colours representing the different percentages of the charge in the phone. In case of 20%, the charger will display a yellow light, when it's 40%, it will display an orange light, when it's 80%, a green light will be indicated and finally at 100%, the charger will display a red light and an alarm will alert the user.</p>
10.	Neha Arora	Bilaspur	Chhattisgarh	12th	Gaytri Vidya Mandir School	<p>Pen that can massage fingers tired of writing for long.</p> <p>Owing to the pain that students experience while writing for long, a pen having vibrators installed in it which can act as a massager to the hand.</p>

Appreciation AWARDS

No.	Name	District	State and UTs	Class	School Name	Topic
11.	Pushpa Sahu	Bilaspur	Chhattisgarh	11th	Shaskiy Uchcharat Madhyamik Shala Tifra (Government Higher secondary School Tifra)	<p>A wiper tool designed for assisting housemakers to clean windows.</p> <p>With the help of this tool, just as the car glass can be cleaned with the help of a wiper, the glass of the windows of the house can be cleaned saving a lot of time and physical effort of the housemakers.</p>
12.	Doly Rajak	Bilaspur	Chhattisgarh	10th	Gaytri Vidhya Mandir	<p>Mechanized paddy transplantation using vehicle to reduce drudgery in farming.</p> <p>In rural areas paddy harvesting machine is used, but a paddy seedling-planting machine is not very common in the village, though seed planting machines are well known. A machine is suggested by which motorized or manual paddy seeding planter is attached to a traction device or pulled personally.</p> <p><i>Eds: a few innovators have tried to develop such planters but no design is yet widely available for normal nursery though devices exist for mat nurseries.</i></p>

13.	Gauri Nuyiya	Bilaspur	Chhattisgarh	10th	Shaskiy Kanya Uchcharat Madhyamik Shala Masturi (Government Girls Higher secondary School Masturi)	<p>A dough kneader designed for women/men pursuing cooking.</p> <p>This device aims to create a device to knead the dough and make lives easier for economically poor women/men who have trouble kneading dough in the heat of the kitchen.</p> <p><i>Eds: dough making machines are available but not at a very affordable mechanical one for poor people.</i></p>
14.	Aarav Juneja, Aarush Arora, Aditya Rastogi	Gurugram	Haryana	8th	Amity International School, Sector-46, Gurgaon	<p>Eco Friendly Solar Dish (EFSD) to prevent accidental deaths/injury of birds.</p> <p>EFSD aims to produce a cost-effective way to perform solar cooking and at the same time uses PIR motion sensors that might prevent solar dish heat-related bird injury/deaths.</p>

Consolation AWARDS

No.	Name	District	State and UTs	Class	School Name	Topic
1.	Stuti Bansal	Gwalior	Madhya Pradesh	10th	Scindia Kanya Vidyalaya, Moti Mahal Road, Basant Vihar Colony, Gwalior, Madhya Pradesh	<p>Glass Dispensing and cleaning Machine- avoiding contamination problems arising out of hands/attached glass.</p> <p>A machine attached to a water cooler will provide washed 'metallic' glasses. When glasses are reinserted into the machine, it will clean them and dispense them.</p> <p><i>Eds: paper cup dispensing machines are available which are extremely affordable and clean since no cup is ever touched twice. However, in closed working spaces where there is no water shortage, such an arrangement may have some utility.</i></p>

2.	Rishabh Sethia	Ludhiana	Punjab	8th	DAV Public School BRS Nagar, Ludhiana Block - C	<p>DISPLAY OF SAFETY SIGNALS IN BUS: A tool to avoid overloading in school bus.</p> <p>The word "overloaded" will be shown on a display on the front of the bus. For instance, the bus owner will indicate in the front mirror how many seats are available in the bus and how many it can accommodate. If the vehicle becomes overloaded, the bus's alarm will ring to avoid chances of accidents due to overloading.</p> <p><i>Eds: one can check overloading merely by looking at the bus; such a device may not be needed in school buses though ordinary buses might need such a device. School buses are not allowed to carry more than the seats available in the bus.</i></p>
3.	Hiren Vyas Vaishnav	Bilaspur	Chhattisgarh	12th	Shaskiy Uchchar Madhyamik Shala Tifra (Government Higher secondary School Tifra)	<p>A speaking calculator to aid junior students in learning mathematical operations efficiently.</p> <p>The innovative calculator will be able to speak numbers and the operations it is doing while solving such that junior students can understand the mathematical operations better and thus learn better.</p>