

# TECHNOCRATS RESULT

*Airforce Bal Bharati School, proudly organized its Virtual Inter School ATL Fest-TECHNOCRATS. We are delighted to announce that the results for the same are out.. We received a number of entries from various schools across Delhi and even from outside Delhi. This competition was aimed to facilitate a novel environment to foster scientific temper, innovations and creativity among curious minds and to motivate such minds to share their views in multiple expressing ways*

NAME OF THE EVENT : CHI PLAY

PARTICIPATING CLASSES : VI-VIII

TOPIC : GAMING AND EDUCATION:LETS GAME AND LEARN

In CHI PLAY, the students designed very interactive games using their coding skills in Scratch and 10XCoderkids. The games were designed in such a manner that it was fun to learn while playing. The topics like mathematics, general knowledge and current events were highlighted.

**FIRST POSITION : SHIV NADAR SCHOOL NOIDA**

**PARTICIPANT 1: DAKSH MALIK (VI)**

**PARTICIPANT 2 : SAANVI BAHRI (VI)**

**SECOND POSITION : SPRINGDALES SCHOOL, DHAULA KUAN**

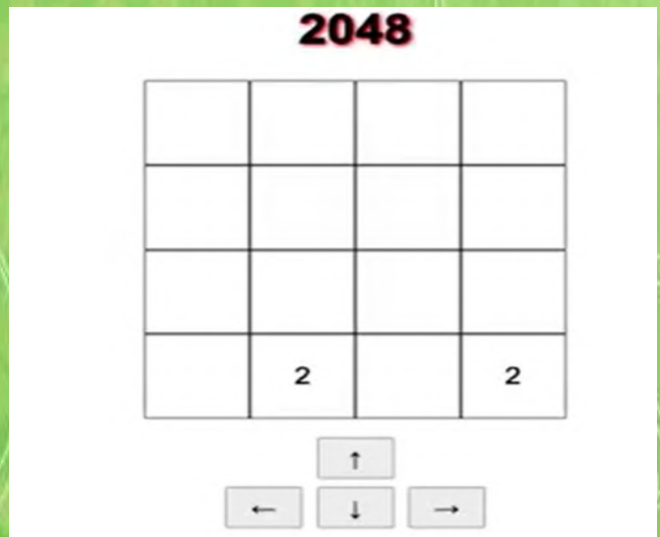
**PARTICIPANT 1: SAANVI KHURANA (VIII)**

**PARTICIPANT 2: SAION GUPTA (VII)**

**THIRD POSITION : AIR FORCE BAL BHARTI SCHOOL**

**PARTICIPANT 1: ANAY CHAWLA(VII)**

**PARTICIPANT 2: OJASAV CHAUHAN (VII)**



NAME OF THE EVENT : DEVELOPSTER

PARTICIPATING CLASSES : IX- X

TOPIC : Create an app that can be useful for students for their studies during pandemic time like Covid

In this Competition, students designed apps using Kodular and MIT app Inventor. The apps designed were focused on improving the health and education among people.

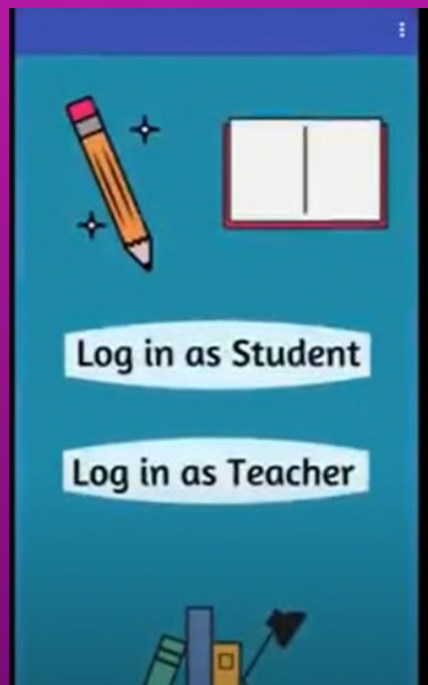
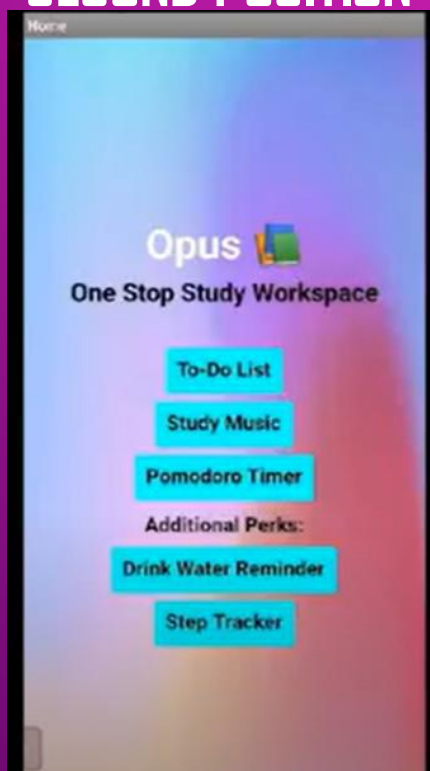
**FIRST POSITION : BIRLA VIDYA NIKETAN, PUSHP VIHAR**

**PARTICIPANT 1: AGNIJ MOITRA (IX)**

**PARTICIPANT 2 : SAYAN MUKHERJEE (IX)**

**SECOND POSITION : SPRINGDALES SCHOOL, DHAULA KUAN**

**PARTICIPANT 1: ADITYA GUPTA (IX)**



**NAME OF THE EVENT : STEM TECH**

**PARTICIPATING CLASSES : IX TO XII**

**TOPIC : GENERATING EMPLOYEMENT FOR CHALLENGED  
PEOPLE**

**WINNERS**

**FIRST POSITION : SPRINGDALES SCHOOL , DHAULA  
KUAN**

**PARTICIPANT 1: JAYADITYA LALWANI (IX)**

**PARTICIPANT 2 : LAKSHAY TONDON (IX)**

**PROJECT : VISION “THIRD EYE FOR BLIND” –  
GENERATING EMPLOYEMENT FOR VISUALLY  
CHALLENGED**

**SECOND POSITION : SHIV NADAR SCHOOL , NOIDA**


**PARTICIPANT 1: DIYA NISCHAL (IX)**

**PARTICIPANT 2: NIMAY GUPTA (IX)**


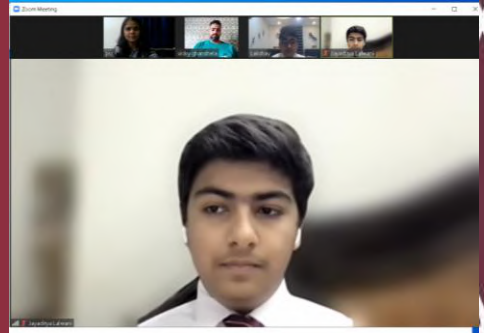
**PROJECT : GENERATING EMPLOYEMENT FOR  
LOCOMOTOR DISABILITIES**

# GENERATING EMPLOYMENT FOR CHALLENGED PEOPLE

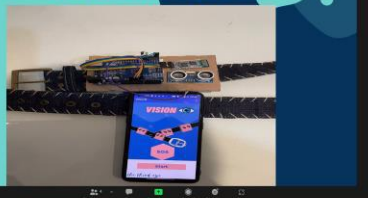
By students of Shiv Nadar School Noida  
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 Nimay Gupta: grade 9, [nimay302160288@gmail.com](mailto:nimay302160288@gmail.com)  
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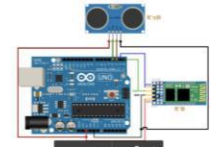
We're aiming to create a model to employ people who suffer from different kinds of locomotor disabilities in the field of agriculture. Essentially, we're creating a device that could be attached to a tractor, through which the farmer could control the tractor by sitting at one place and control how it will plow the land, help irrigate the land, add manures and fertilizers, and could also have other features such as detecting the moisture level and acidity of soil etc.


## OUR PRODUCT



Name	Use
Arduino uno	Brain of circuit
Ultrasonic sensor	Object detection
HC-SR04	Sending data
Bluetooth sensor	
Battery	Empowering circuit
Beep	Beep of circuit
App	Kodular for alerts and guided navigation




### VISION



SOS

Start


*the third eye*



NAVIGATION



### about us

Vision is pro physically people get and like o says we b them with eye our change t physically people and feel the normal person





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<https://youtu.be/BQzvkCQ7VZ8>

## NAME OF THE EVENT : STUDENTPRENEUR

## TOPIC : SOLUTION TO OUR DAILY LIFE PROBLEMS

## PARTICIPATING CLASSES : VI TO VIII

In this competition, students prepared a mechanical model, capable of solving our basic problems that we face in our daily life. The event was welcomed with very creatively thought and well designed concept videos and report. The event was held online via submissions and over all, This event was an amazing and enjoyable.

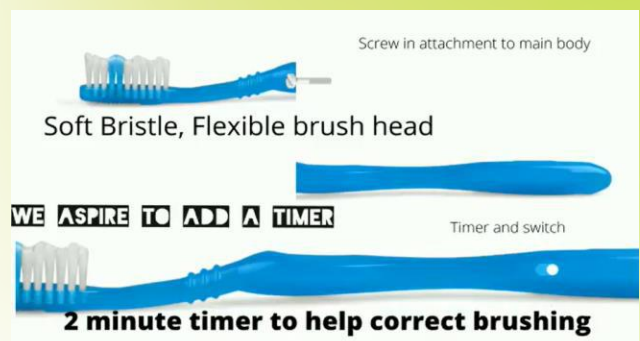
## **FIRST POSITION : SPRINGDALES SCHOOL , DHAULA KUAN**

**PARTICIPANT 1: Ananya Verma (VIII)**

**PARTICIPANT 2 : Aura Sehdev (VIII)**

## **PROJECT : "Eco-Mitra toothbrush"**

“Eco-Mitra Toothbrush” to promote dental hygiene in India. Our toothbrush is cost- effective, eco-friendly. The toothbrush handle is designed to be reused multiple times and only the detachable head of the brush (with soft bristles) needs to be replaced every 4 months. This will save our planet from 180 million plastic toothbrushes that are dumped into landfills each year in India alone.



**SECOND POSITION : MAYO COLLEGE  
GIRLS' SCHOOL AJMER**

**PARTICIPANT 1: Aaryana Pandey  
(VI)**

**PARTICIPANT 2: Diya Mandhyan  
(VI)**

**PROJECT : User- friendly gas cylinder cap and  
regulator**

Our project is about simplification of cap and regulators of gas cylinders. When we buy a new gas cylinder from the market it is very difficult to open its cap. Another problem we face is to connect regulator to cylinder. The purpose of using cap is to stop gas leakage. So, we have come up with a solution to this problem. If we replace this alloy part of cylinder with iron and use neodymium magnet as cap then we can easily open it and it will effectively stop gas leakage also. As we know magnet sticks to iron and these neodymium magnets are very powerful. So this will stick firmly and can be used as a cap. It won't be so difficult to open or remove it.





## **THIRD POSITION : AHLCON INTERNATIONAL SCHOOL**

**PARTICIPANT 1: Madhav Maheshwari (VIII)**

**PARTICIPANT 2: Pratika Golcha (VIII)**

### **PROJECT : MODIFIED REMOTE AIR COOLER**

The topic of the competition was ‘Solution to our Daily life problems’. We researched on the topic a lot and decided that we would make an air cooler which we can carry anywhere. During the summer season, people have to face the problem of harsh temperature. This air cooler is the solution to it.



**NAME OF THE EVENT : TECH PATH**

**PARTICIPATING CLASSES : VI-VIII**

**TOPIC : BOON FROM BANE: LOCKDOWN WITH TECHNOLOGY.**

**WINNERS**

In this competition, students created animated videos showing actual situation of how new ventures have started in lockdown after the failure of many settled set-ups. The event was welcomed with very creatively thought and designed videos. The event was held online via submissions and overall, it was a successful event.

**FIRST POSITION : Mayo College Girls' School, Ajmer**

**PARTICIPANT 1: Nitya Agarwal (VIII)**

**PARTICIPANT 2 : Yashnita Nambiar (VIII)**

**SECOND POSITION : Springdales School, Dhaula Kuan**

**PARTICIPANT 1: Yagyani Juneja (VIII)**

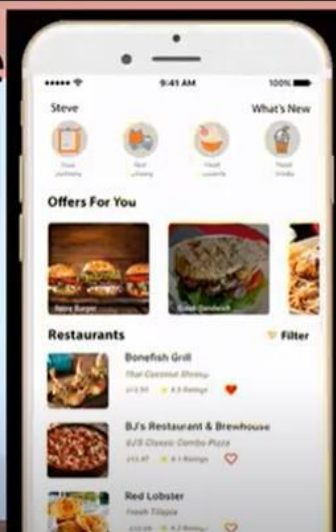
**PARTICIPANT 2: Rajvir Ajmani (VIII)**

**THIRD POSITION : NAVY CHILDREN SCHOOL**

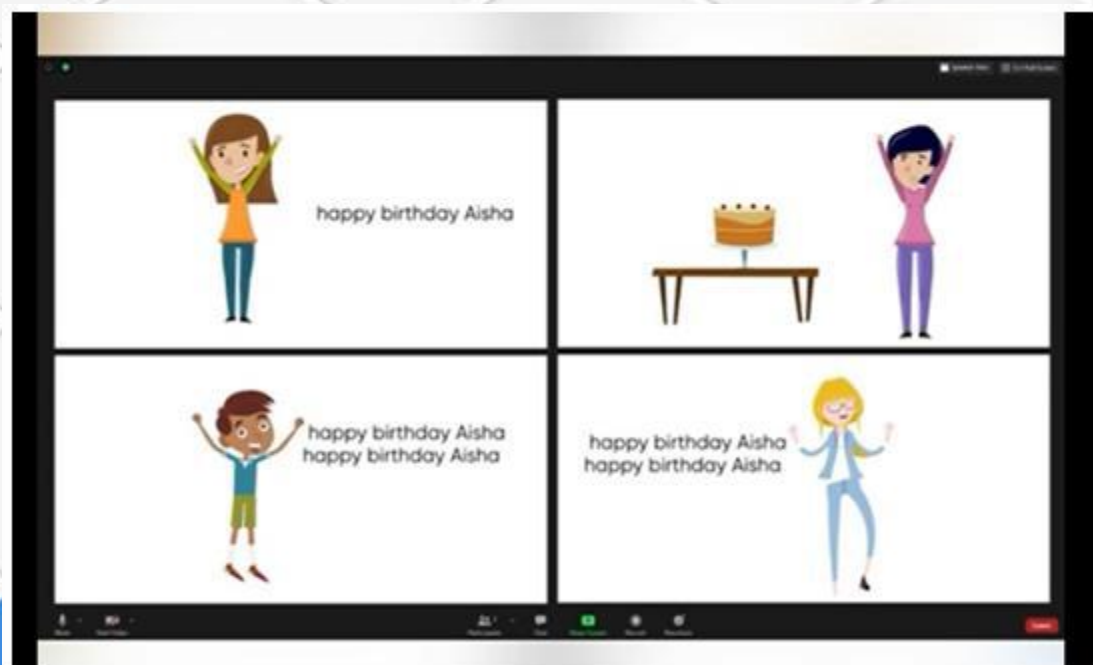
**PARTICIPANT 1: TAANISH SOOD (VI)**

**PARTICIPANT 2: Bhavesh Kalra (VI)**

In mobile



Made with



# NAME OF THE EVENT : WEB MASTER

**PARTICIPATING CLASSES : XI-XII**

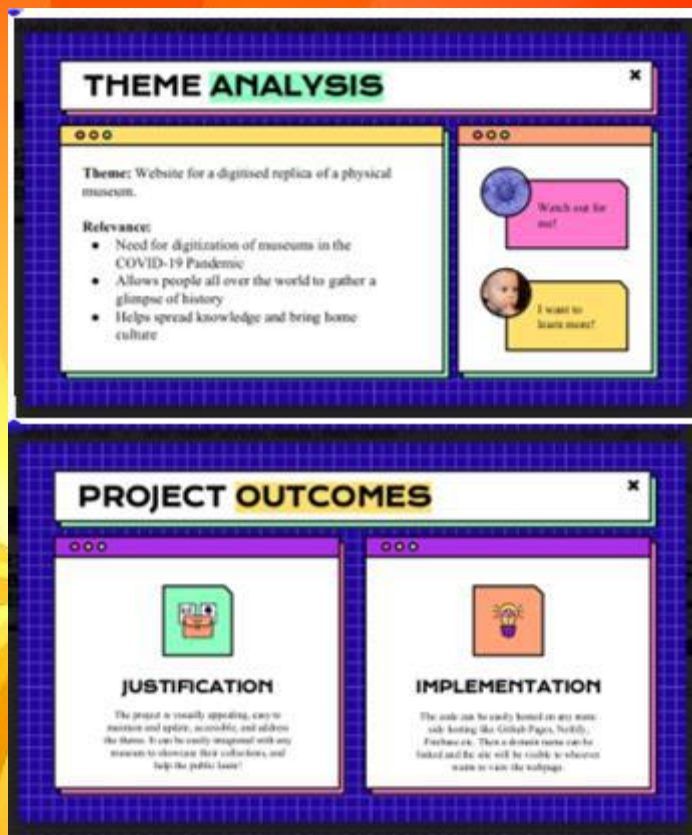
**TOPIC : Create a website that can be useful for the society  
in present / post Covid term**

In WEB MASTER, the students designed a website for a digitized replica of a physical museum. It has been focused on need for digitization of museums in the COVID-19 pandemic. It helps spreading knowledge and bring home culture.

**FIRST POSITION : SHIV NADAR SCHOOL NOIDA**

**PARTICIPANT 1: DISHA PANT**

**PARTICIPANT 2: ALYA SINGH**



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