

The story of the Bagless day

(On 13th July, 2024)

A day which captured the memories of participation of children from classes 1 to 8 in various activities namely handwriting, futsal, drawing, Greeting Card making at various time of the day on 13th July, 2024, marked as the first bagless day of the year 2024-25.

The entire day's activities were conducted by the members of the Red House with the cooperation of the teachers of the Junior Section & the Senior Section along with heartfelt participation of children who were seen engaging themselves in the creative & physical activities. It was an enriching time for children to explore themselves differently in the same environment where they see themselves involving academically. At the end of all activities the name of winning classes of the day were announced by the Judges involved in these activities.

The Winning classes are as follows:

- i) FUTSAL (In between Classes 1 & 2) = Class 2B
- ii) FUTSAL (In between Classes 3 & 4) = Class 3A
- iii) FUTSAL (In between Classes 5 & 6) = Class 6B
- iv) FUTSAL (In between Classes 7 & 8) = Class 7B

In addition to that, A Workshop was being conducted on AI & Robotics (along with live demo) by Sir Soumen Bose. **The Luggage Follower Robot** is an autonomous system designed to follow a user while carrying their luggage. The system employs ultrasonic sensors to detect the distance and position of the user and uses an Arduino microcontroller to process the data and control the movement of the robot. This project aims to provide a hands-free experience for users in environments like airports, train stations, or shopping malls.

Dishari (The smart cane) A smart stick concept is devised to provide a smart electronic aid for blind people.

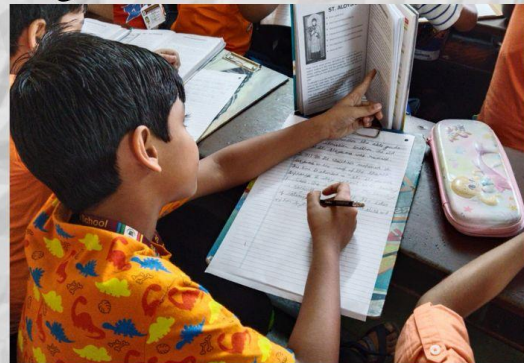
Blind and visually impaired find difficulties in detecting obstacles during walking in the street. The system is intended to provide artificial vision and object detection, real time assistance via making use of Arduino UNO. The main objective of our project is to provide a sound -based assistance to blind people. The existing devices for the visually impaired only focus on travelling from one location to another. The device is aimed to help visually impaired with the same moreover as that of sighted people. A brief study had been carried out to understand various issues related to the project which involves providing a smart electronic aid for blind people to provide artificial vision and object detection, Our project mainly focuses on the visually impaired people who cannot walk independently environment.

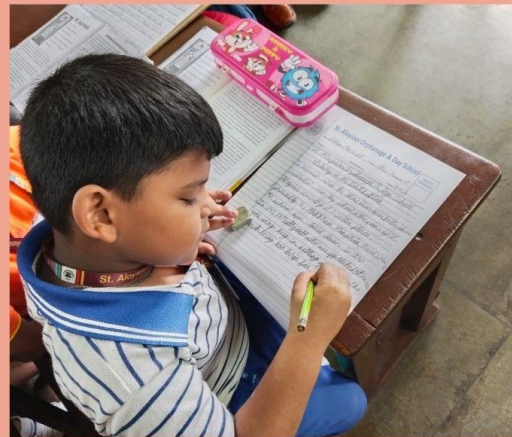


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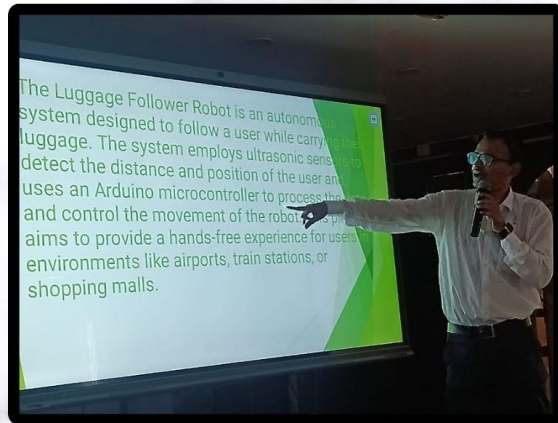
BAGLESS DAY 2024





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Bagless Day 2024 **AI & ROBOTICS WORKSHOP**

