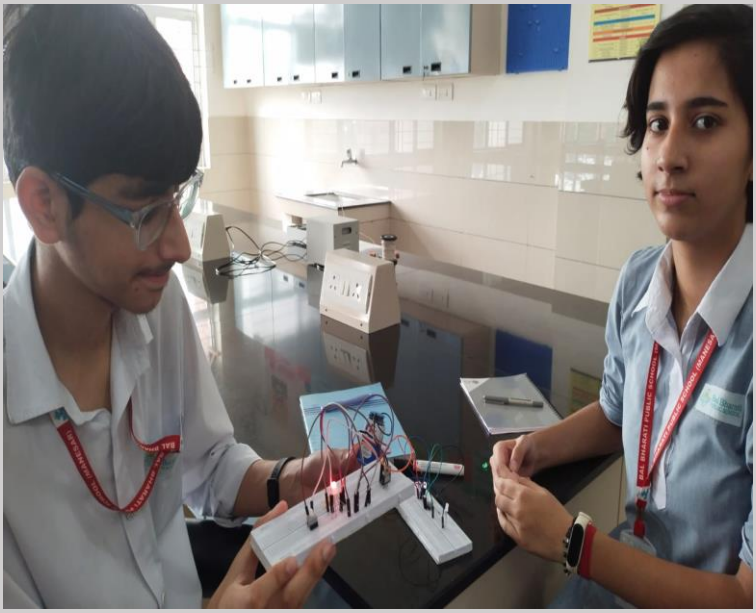
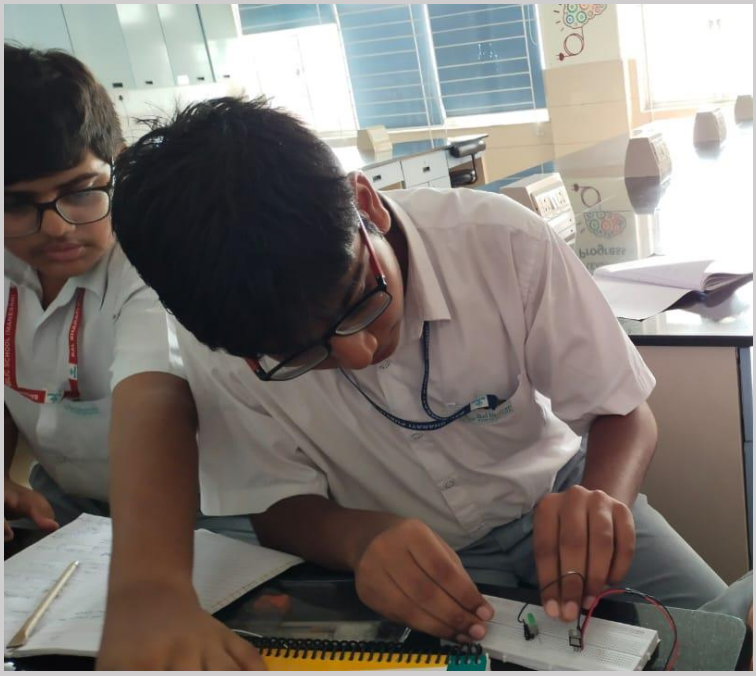
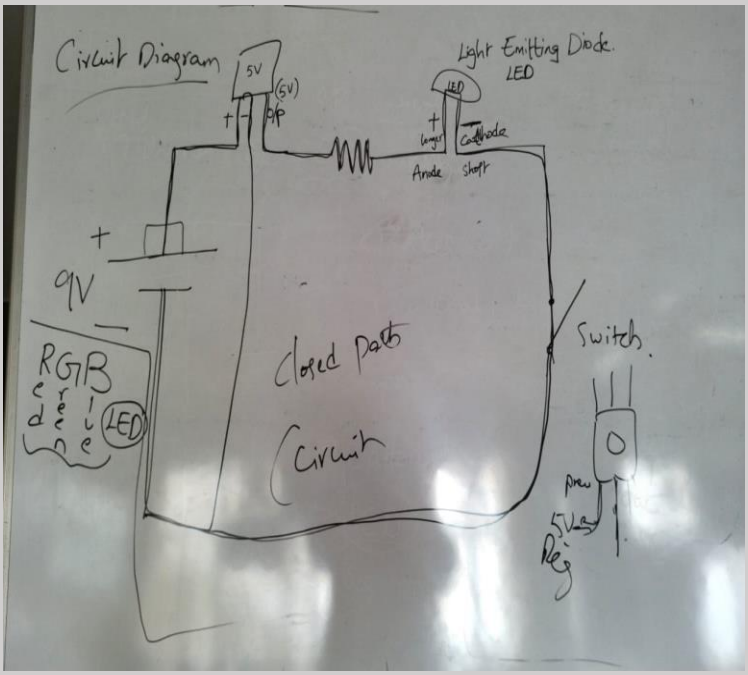
ROBOTICS CLUB ACTIVITY REPORT

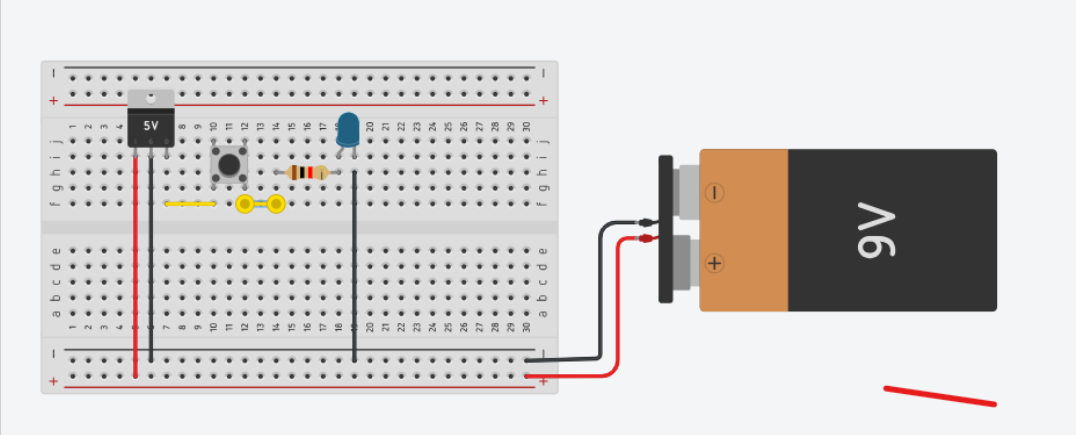
1. Date & Time of the Workshop: 18th July|| Zero Period
2. Venue: Physics Lab
3. Organizer: Robotics Club
4. Attended by (no. of students, with class & section): - 5 students of Robotics Club IX-XI
5. Name of the Activity: Glowing of LED with and without switch using Tinker Cad and Breadboard kit.
6. Learning Outcomes:
    - Explanation on What is STEM and use of a Robotics Club.
    - Explained importance of Tinker Cad software to design a circuit and to see its working virtually.
    - How to register an account and login procedure.
    - What is a Breadboard kit and what are the components inside the kit.
    - Difference between AC supply and DC supply with examples.
    - What is a breadboard, battery, regulator, resistor, LED, switch, jumper wires etc.
    - The students performed glowing of LED with and without switch using Tinker Cad platform and breadboard kit.
7. Observation of the activity:
    - Students practically seen what is a circuit, interconnection of component and closed path.
    - They have seen the importance of each and every element in the circuit and how ohms law works.
    - Difference between bilateral and unilateral components while connecting battery to the circuit.
    - Students are able to circuit diagram for the given activity and also they designed in Tinker Cad software.

Glimpses of the workshop-









8. Feedback (student /staff):

   The students thoroughly enjoyed the session, it was an interactive and informative session. This session surely gave a lot of insight about the Robotics club and will help the students choose the cause they want to work for.

9. Date of Report Submission: 20 th July, 2023

TEACHER INCHARGE: Ms Pissa Sandhya Rani