

St. Cecilia's Public School

Hands-on Experience to Make the Simplest DC Motor

SCIENTIA CLUB REPORT



Under the able guidance of the Principal and science faculty, the Scientia Club organized an activity on “Hands-on Experience to Make the Simplest DC Motor in the Laboratory” on 13 May and 15 May 2026 for the students of Classes XA, XD, and XIA. Around 100 students enthusiastically participated in the activity.

The session provided practical exposure to the working principle of a DC motor. Using simple materials such as magnets, batteries, copper wire, and safety pins, students successfully assembled working models and observed the conversion of electrical energy into mechanical energy. The activity enhanced scientific temperament, creativity, teamwork, and problem-solving skills while strengthening conceptual understanding through experiential learning.

The programme was highly interactive and encouraged curiosity and innovation among learners. As a future plan, the Scientia Club aims to organize more laboratory-based STEM activities, innovation workshops, and model-making sessions to promote scientific thinking and practical application of concepts.