



ANNUAL CLUB REPORT FOR AEROMODELLING

CLUB :- 2025-26

“The desire to fly is an idea handed down to us by our ancestors who, in their grueling travels across trackless lands in prehistoric times, looked enviously on the birds soaring freely through space, at full speed, above all obstacles, on the infinite highway of the air.” – **Wilbur Wright**

Aeromodelling predates “full-size” aviation. The greatest pioneers of human flight, from Cayley, Lilienthal, the Wrights and Levavasseur to Blériot, Ferber, Farman and Messerschmitt, initially used model aircraft to test the solutions they were in the process of designing. This just goes to show how long the history of aeromodelling is.

MindWize Academy brings to you the AMA-certified course taught to 1 lakh+ kids with our educational partner of Global Aerosports, who are pioneers in promoting Aero-Modelling Education in Schools and Colleges throughout India, Nepal & UAE.

The teaching methodology is based on STEM education system.

~ Inculcates in students the ability to think critically and solve complex problems to drive advancements in Science and Tech.

~ Teaches the underpinnings of an advanced society.

~ Helps student think critically while exploring the problem and arrive their own solutions.

Aeromodelling involves a lot of interdisciplinary concepts of various engineering streams such as Mechanical, Electrical, Aeronautical, Electronics, and Computer Science, but majorly it involves Aerospace/ Aeronautical engineering topics.

This year 2025-26 at Vishwa Bharti Public School, Noida the students of the club learnt the vast science of Aviation with hands-on experiments on Newton’s Third Law of Motion, Bernoulli’s Principle and The Coanda Effect, along with that learnt to build, make and fly four amazing models made from imported Balsa wood that helped the students understand all the fundamental principles of Flight, how and why an aircraft flies. The students also got a hands-on on drone flying and flying simulators to top it all.

The club is dedicated to helping the students understand year on year the workings of airplanes, flight mechanics and ultimately preparing them for international competitions like: SAE Aero Design Challenge and Boeing Aeromodelling Competition.

GLIMPSES OF THE ACTIVITIES UNDERTAKEN BY THE STUDENTS DURING THE SESSION:



- **“Tiny wings, big dreams”:** The students learnt the science of aerodynamics with paper planes.



- **“Aeromodelling adventures”**: The students learnt how to craft and model their model aircrafts



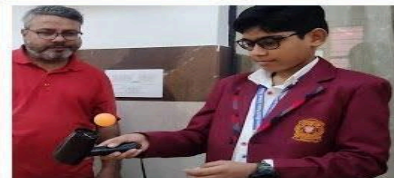
- **“Passion for flight”**: The students crafted their models and also learnt how to fly it



- **“Fine-tuning the controls on this beauty”**: The students were filled with excitement while making their model designs



- **“Capturing the magic of flight in miniature models”**: Each child put their heart and soul in making the models look good.



- **“The precision and artistry of aeromodelling”**: The children also engaged in science experiments on how an airplane flies.



- **“Passion for flight”:** The children also engrossed themselves in flying simulations, trying to fly an aircraft by themselves.