

VISIT TO AEROFEST 2023 AT CSIR-NAL, BANGLORE

A DPS, Gurgaon team of three students from grade XI and IX got selected among top 20 teams at national level for their project on 'High Altitude Platforms' to attend the Jigyasa-Aero Fest, a three-day national event (21st December to 23rd December 2023) along with their mentor. The fest was organized by Jigyasa, CSIR-National Aerospace Laboratories, Bangalore in association with Atal Innovation Mission , NITI Aayog.

The aim of this fest was to create scientific temper among the school students of grades IX-XII all over India to take up aerospace science as their career. This was a unique exposure and an experience for the children and teachers. The Aerofest is the opportunity for the students to access Indian aerospace labs and to attend sessions by renowned dignitaries of CSIR-NAL. During the fest they visited the following labs:

In CSIR – NAL (at Kodihalli)

- Airport instrumentation (Drishiti- indigenously made visibility measuring system)
- Flight Simulator: Saras MK 2
- Chemical vapour infiltration lab
- Wings testing labs

In CSIR -NAL (at Belur)

- Trisonic Wind tunnel
- Acoustic testing lab(Reverberation chamber)
- Hansa Hanger
- High Altitude Platform (HAP prototype)

Children and teachers also attended following enriching sessions on

- Nanoscience and technology: It's Application by Dr. Dinesh Rangappa (A Senior Scientist)
- Principles of flight by Dr Niranjana K Sura, Deputy Director (Autopilot)
- Climate change and action by IIT Professor Chetan Singh Solanki, Founder, Energy Swaraj Foundation
- Indian Aeronautics - The doom to boom story (through inspiring videos of latest Indian autonomous aircrafts)by Shri Shyam Chetty, Former Director, CSIR- NAL

The fun and engaging activities like general quiz, presentation on HAPS, aerospace quiz, aero- modelling and Cultural programme were also organised for the students. All students and teachers received participants certificates.

Children enjoyed and learnt more about aerospace during these three days. This was an enriching and lifetime experience for them, helping in expanding their horizon of knowledge.



