



IF WE CAN CAPTURE A FRACTION OF ENTHUSIASM IN THE FIELD OF AEROSPACE ENGINEERING, IT WILL GIVE A HUGE BOOST TO THE COUNTRY AND THE INDUSTRY

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A team of three students — Tabrez Nadvi, Pavan MJ and Vignesh Arul RA — all from the aeronautical engineering department at ACS College of Engineering, Bangalore, won a prize of ₹1 lakh in the first Boeing-IIT National Aero-Modelling Competition. The team beat 170 teams from various institutes across the country. Held at the Indian Institute of Technology (IIT) Delhi last week, the competition aimed at providing a unified national competitive platform for students interested in aerospace and related engineering disciplines.

Conducted in two-staged pan India zonal and national levels, the competition assessed the participants' expertise in building an aircraft. These aircraft were evaluated on parameters such as showcasing efficiency in climb and glide and swift manoeuvring skills. IIT Delhi hosted the finals.

"We were adjudged winners because of our strategy. The manoeuvre our aero-model performed was better than all other finalists. In fact, five to six of our exhibits crashed while being tested and we had developed the final one just a day before coming to Delhi for the event," says Nadvi, a final-year student

from ACS College of Engineering.

The winners said that the competition gave them an opportunity to understand how team skills were required to come out with a final product.

Aircraft manufacturing giant Boeing, which sponsored the event, said that the response of the students and the IITs was overwhelming.

According to Pratyush Kumar, president, Boeing India, "We already have many ongoing partnership programmes in aerospace innovation with the IITs. However, we decided to encourage young minds to do some foundational work. Aerospace engineering is a multidisciplinary subject which involves mechanical, aerodynamics, electrical, computer science and many other streams. I am happy to say that it has generated a lot of enthusiasm. If we can capture a fraction of that in the aerospace pipeline, it will give a huge boost to the country and the industry."

Says PVM Rao, professor, mechanical engineering, IIT Delhi, "It's a unique opportunity as students get trained in skills which does not happen in laboratories and classrooms."



A participant at the Boeing-IIT National Aero-Modelling Competition

