



Manipal Institute of Technology

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Manipal Excels in Albatross Flying Contest

Manipal: AeroMIT has done it again. With a string of achievements in their kitty already, the team of 20 inter-disciplinary undergraduate students of Manipal Institute of Technology, Manipal University, cornered all the glory at the technical festival, Albatross Flying Competition, hosted by National Institute of

Technology, Kozhikode on Friday. The team won both the first and second positions. This performance comes close on the heels of a similar display at the Wright Flight Flying competition in National Institute of Technology, Karnataka (Surathkal) earlier this month, where the team

won the first two places. Founded by four mechanical engineering students in 2009, the AeroMIT team is looking forward to a good showing at the International Competition organised by SAE in association with Lockheed Martin and Dassault Systems, SAE AeroDesign East to be held in Fort

Worth, Texas from March 11 to 13, 2016. "Last year was the most successful year for the team, but I believe that this year is going to be much better," said Aniruddha Poddar, leader of team AeroMIT. The team will participate in the IIT Mumbai Techfest from December 26 to 28.



The successful AeroMIT team

Team AeroMIT does it again

SPECIAL CORRESPONDENT

MANIPAL: AeroMIT has done it again. A team of 20 interdisciplinary undergraduate students of Manipal Institute of Technology (MIT) cornered all glory at the technical festival, Albatross Flying Competition, hosted by National Institute of Technology, Calicut, on Friday. The team won the first and second positions for the performance of their two micro Unmanned Aerial Vehicles (UAVs).

According to a press release issued by Manipal University on Saturday, the performance comes close on the heels of a similar display at the Wright Flight Flying competition in National Institute of Technology, Karnataka (Surathkal) earlier this month.

The AeroMIT team is looking forward to a show stop at the interna-



The AeroMIT team with their micro Unidentified Aerial Vehicles.

of NASA Systems Engineering Award three times in a row.

"2014-2015 was the most success-

ful year for the team, but I believe that it is going to be bigger and much better," said Aniruddha Poddar, lead



Subsystems:

- o Aerodynamics
- o Structures
- o Materials and Analysis
- o Advanced Drone Research
- o Management

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Introduction

AeroMIT is an aero-modelling team from **Manipal Institute of Technology**, Manipal with over 20 years of combined experience in producing remotely piloted aircraft and multirotor platforms. Our team participates in the **SAE Aero-Design Competition** every year held in the United States of America. We have recently started an Advanced Drone Research division, an initiative to expand the previous autonomous platform with a scratch built APIs for GPI/Cloud integration.



Aim

Our main focus, **The SAE Aero Design competition** is intended to provide undergraduate and graduate engineering students with the difficult challenge of designing and building an aircraft under given constraints. The competition has been designed to provide exposure to the kinds of situations that engineers face in real-life work environments.



Achievements

- **World Rank 3 (Max. Payload Lifted)**
World Rank 4 (Max. Payload Fraction)
World Rank 5 (Design Report)
World Rank 5 (Overall)

SAE AeroDesign East, 2016, Texas.

- **World Rank 4 (Design Report)**
World Rank 10 (Overall)

SAE AeroDesign East, 2015, Florida.

- **Rank 1**

Boeing National Aeromodelling Competition, 2015
Hosted at IIT, Bombay.

- **Rank 2**

Aviator Design Competition by Airbus, 2015
Hosted at IIT, Bombay.

- **Rank 1 and 2**

Wright Flight Flying Competition, 2015
Hosted at NITK, Surathkal.

- **Rank 1 and 2**

Albatross flying Competition, 2015
Hosted at NIT, Calicut.

- **Rank 1 and 2**

Aviator Design and Flying Competitions, 2014
Hosted at IIT Bombay.



Sponsorship Details

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Website Publicity	✓	✓	✓	✓	✓	✓
Social Media	✓	✓	✓	✓	✓	✓
Newspaper Articles	✓	✓	✓	✓	✓	✓
Logo on Merchandise		✓	✓	✓	✓	✓
Presentations			✓	✓	✓	✓
Logo on Banner				✓	✓	✓
Logo on Aircraft				✓	✓	✓
Special Mention in the newspaper					✓	✓

SAE AERO DESIGN®