



SAEINDIA
SOUTHERN SECTION

AERO DESIGN CHALLENGE 2017

Date : 8th June 2017 - 10th June 2017

Venue : Anna University, Chennai



SAEINDIA SOUTHERN SECTION

CENTRE FOR AEROSPACE RESEARCH
MIT Campus of Anna University, Chennai.

Dear Sir/ Madam,

Greetings from SAEINDIA Southern Section!

We are privileged to present ourselves as primary forum, who serve as a foundation of mobility engineering. We are from southern section of SAEINDIA (SAEISS), a unique society that includes professional engineers who serve different OEMS and Suppliers, academia as well as budding engineers (students) who aspire to be part of the professionally attractive field of mobility. At SAEISS we believe that Mobility Engineering is a knowledge rich field and that learning and sharing can be fun and rewarding. To this end, SAEISS organizes several events throughout the year, runs programmes that enrich and engage and conducts lectures and symposia. It is a part of SAEINDIA.

As a premiere organization, we have ever been proud of the various landmarks that you have created, and on all your worthy accomplishments elsewhere which are needless to mention. Please accept our compliments at this juncture. We wish we would associate with you in whichever possible manner, to take our cause to the next level.

We are happy to bring to your attention SAEISS conducts SAEISS Aero Design Challenge competition 2017 which is intended to provide undergraduate and graduate engineering students with a real-life engineering challenge. It has been designed to provide exposure to the kinds of situations that engineers face in their real-life work environment. Each team is required to conceive, design and develop a prototype of fixed wing UAV meeting the mission requirements. First and foremost a design competition, students will find themselves performing trade studies and making compromises to arrive at a design solution that will optimally meet the mission requirements while still conforming to the configuration limitations

SAEISS Aero Design features two classes of competition - Regular and Micro. The objective of Regular Class is to design an aircraft that can lift as much weight as possible while observing the available power and aircraft's length, width, and height requirements. The objective of Micro Class is to design light-weight UAV carrying the highest payload fraction possible and can be quickly deployed from a small package.

The final Flight Competition (3 Day Event) is divided in to 3 phases

Phase 1:

UAV Design and Design Report Submission

Teams will electronically submit their proposals for competition detailing how their design has met or exceeded the design requirements.

Phase 2:

Technical Presentation

Oral Presentation, Payload Loading and Unloading Demonstration.

Phase 3:

Technical Inspection and Flight Round

AWARDS / PRIZES

Overall Performance Awards

Category	1st Prize (INR)	2nd Prize (INR)	3rd Prize (INR)
Regular Class	1,00,000	50,000	25,000
Micro Class	1,00,000	50,000	25,000

Special Awards

Category	Best Design Report (INR)	Best Technical Presentation (INR)	Best Innovation (INR)
Regular Class	10,000	10,000	10,000
Micro Class	10,000	10,000	10,000

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We are pleased to invite you to be one of the sponsors for SAEISS Aero Design Challenge 2017. Please find the details of sponsorship for our upcoming Aero Design Challenge 2017.

NAME	SAEINDIA SOUTHERN SECTION
ACCOUNT NO	10496977292
ADDRESS	SAEINDIA SOUTHERN SECTION, SIDCO ELECTRONIC COMPLEX, BLOCK 1, MODULES 29 & 30, T V K INDL ESTATE, GUINDY, CHENNAI 600 032
BANK	STATE BANK OF INDIA
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Become our Platinum sponsor

[Rs. 2, 00,000 and above Contribution]

1. Logo Printed on the meeting banners.
2. Company/product banners displayed at the venue (in the conference room).
3. Name appears in the sponsor list with logo on website.
4. Announced during opening and closing ceremony.

Become our Gold sponsor

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1. Logo Printed on the meeting banners.
2. Name appears in the sponsor list with logo on website.
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Become our Silver sponsor

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1. Name appears in the sponsor list with logo on website.
2. Logo Printed on the meeting banners.

Become our Ruby sponsor

[up to Rs. 50,000 Contribution]

1. Name appears in the sponsor list with logo on website

We look forward to hearing from you.

Thanking you,

Mr. S. Sriraman

Chairman

SAEINDIA Southern Section

Dr. K. Senthil Kumar, Director, CASR, MIT, Anna University

Dr. S. Senthil Kumar, Associate Professor, Veltech University

Champions -Aerospace Development Council

SAEINDIA Southern Section