About us:

Hustlers by Spirit | Innovators by Design

Driven to Excel | Designed to Inspire

Fueled by Passion | Crafted for Innovation

**Passion in Flight | Innovation in Design**

Engineered to Fly | Driven to Innovate

Team Arcis is the official Aero Design team of Dayananda Sagar College of Engineering, Bengaluru. The name “ARCIS”, derived from Sanskrit,symbolizes enlightenment, reflecting our visionary approach to innovative aero design. We are a passionate group of undergraduate students committed to develop cutting-edge aircraft for the annual AIAA Design/Build/Fly competition. We design, fabricate, and demonstrate the flight capabilities of an unmanned, electric powered, radio controlled aircraft tailored to meet the evolving mission profiles set each year. Since 2012, we have united talent across various engineering disciplines, earning recognition as India’s top Aero Design team since 2015. Our notable triumphs include securing first place in flight missions and third place for our technical report at AIAA-DBF 2021, as well as third place for our technical report at SAE International 2024.

Our team brings extensive expertise in areas such as conceptual design, aerodynamics, composite fabrication, structural and propulsion analysis, CAD, and RC flight operations. By pushing the limits and perfecting our technical skills, and fostering collaboration, we look to set new benchmarks in aeronautical innovation and excellence.

Vision

**Innovating for a Better Tomorrow**  
Driven by curiosity and teamwork, we’re a bold team of engineers exploring latest aeronautical advancements, and the latest tech to solve real-world challenges with impact and precision.

Mission

Innovate, elevate, achieve

Beyond engineering, we instill discipline, professionalism, and a strong ethical foundation in our students. Our mission is to nurture responsible, skilled individuals who are prepared to lead with integrity and make a lasting mark on society.

Team organization description

Team Arcis is organized for optimal collaboration and accountability. Led by the Captain, who oversees strategy, management, and both technical and marketing operations, the team works are overseen and supported by the Faculty Advisor. Key roles include the Team Manager, responsible for coordination; the Vice-Captain, overseeing daily operations and design progress; PR Head, responsible for; Media Head responsible for and specialized teams like Design, Stability & Performance, and Avionics, all working together to refine the aircraft and ensure flight readiness.

Technical

The Technical Team at Team Arcis specializes in various fields including stability, performance, aerodynamics, and avionics. By fine-tuning aircraft stability, optimizing flight performance, mastering aerodynamic efficiency, and integrating advanced avionics, they ensure each aircraft achieves peak safety, reliability, and innovation. With precision and collaboration, they elevate every mission and redefine aeronautical excellence.

Marketing

The Marketing Team at Team Arcis powers our visibility through PR, media outreach, and strategic partnerships. They manage social media, build sponsor relationships, and drive campaigns that boost awareness and secure funding. By shaping our public image and expanding our network, they ensure the team’s success resonates beyond the competition.

Design

The Design Team at Team Arcis brings innovative aircraft concepts to life with precision and creativity. Using advanced CAD tools, they handle each aspect of the design from initial sizing to detailed component integration, ensuring top-notch aerodynamics and structural integrity. Every design choice is crafted for high performance and mission success, turning ideas into exceptional, flight-ready aircraft.

Faculty advisor

The Technical Faculty Advisor at Team Arcis mentors and guides engineering efforts, ensuring innovation meets academic standards. Their expertise supports the team in refining designs, solving technical challenges, and achieving excellence in every project.