



TEAM VAAYU SHASTRA

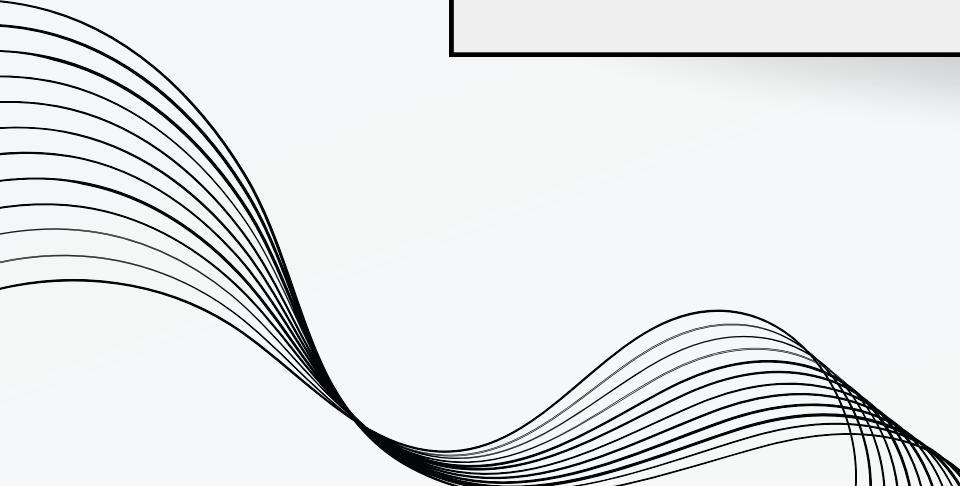
ABOUT US



Team Vaayushastra is an Aero- Modelling Team representing Fr. Conceicao Rodrigues College of Engineering. We conceptualise, Design, Analyze and Manufacture RC Aircraft fulfilling given problem statement.



Every year we participate in **SAE Aero- Design** Competition held in **USA**. For past 10 years, we have been consistently ranked as **TOP 3** teams in Asia- Pacific and **TOP 10** worldwide.



ABOUT COMPETITION



SAE AERO DESIGN WEST

April 12-14
2024

Van Nuys,
California

Primary Aircraft PA

The main, remote controlled aircraft which transports the payload and the PADA



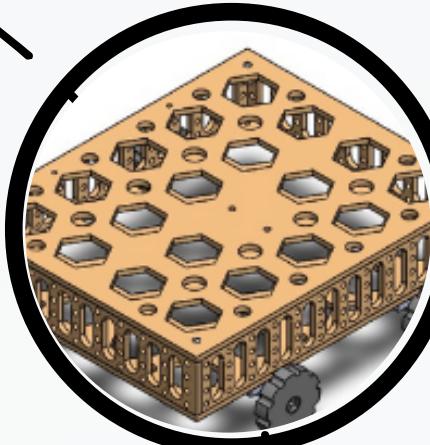
Powered Autonomous Delivery Aircraft

A smaller, autonomous aircraft which is released from the PA

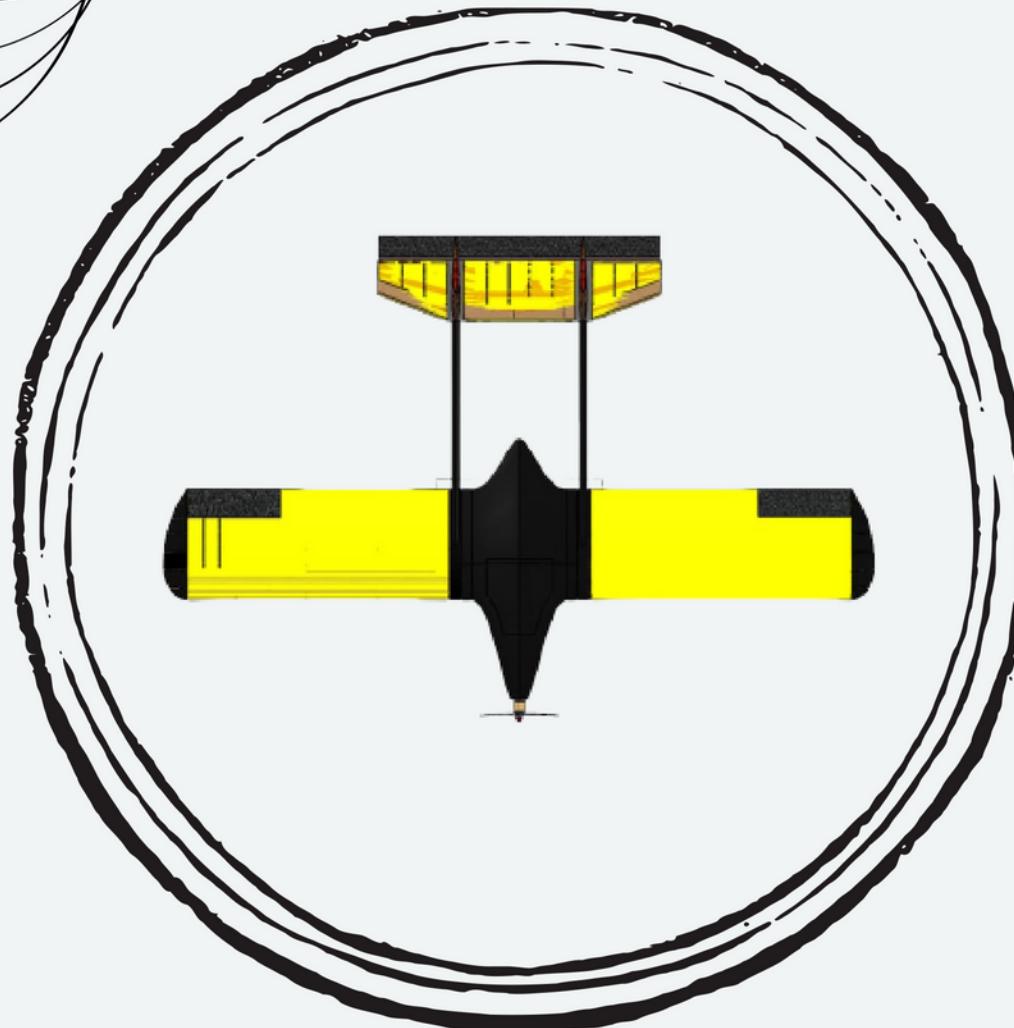


Ground Transport Vehicle

A remote controlled, ground vehicle that transports water through an obstacle course



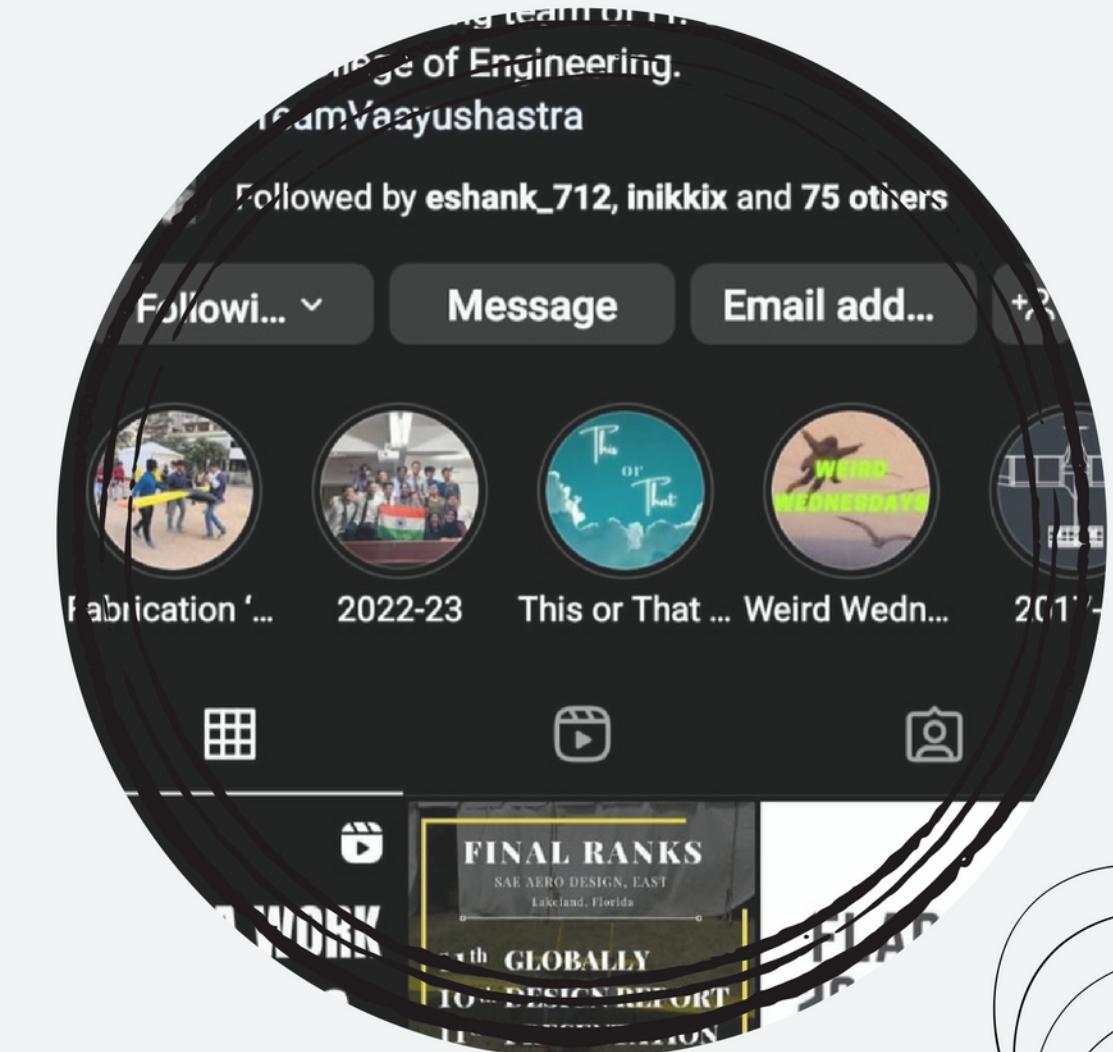
OUR DEPARTMENTS



DESIGN & MODELLING

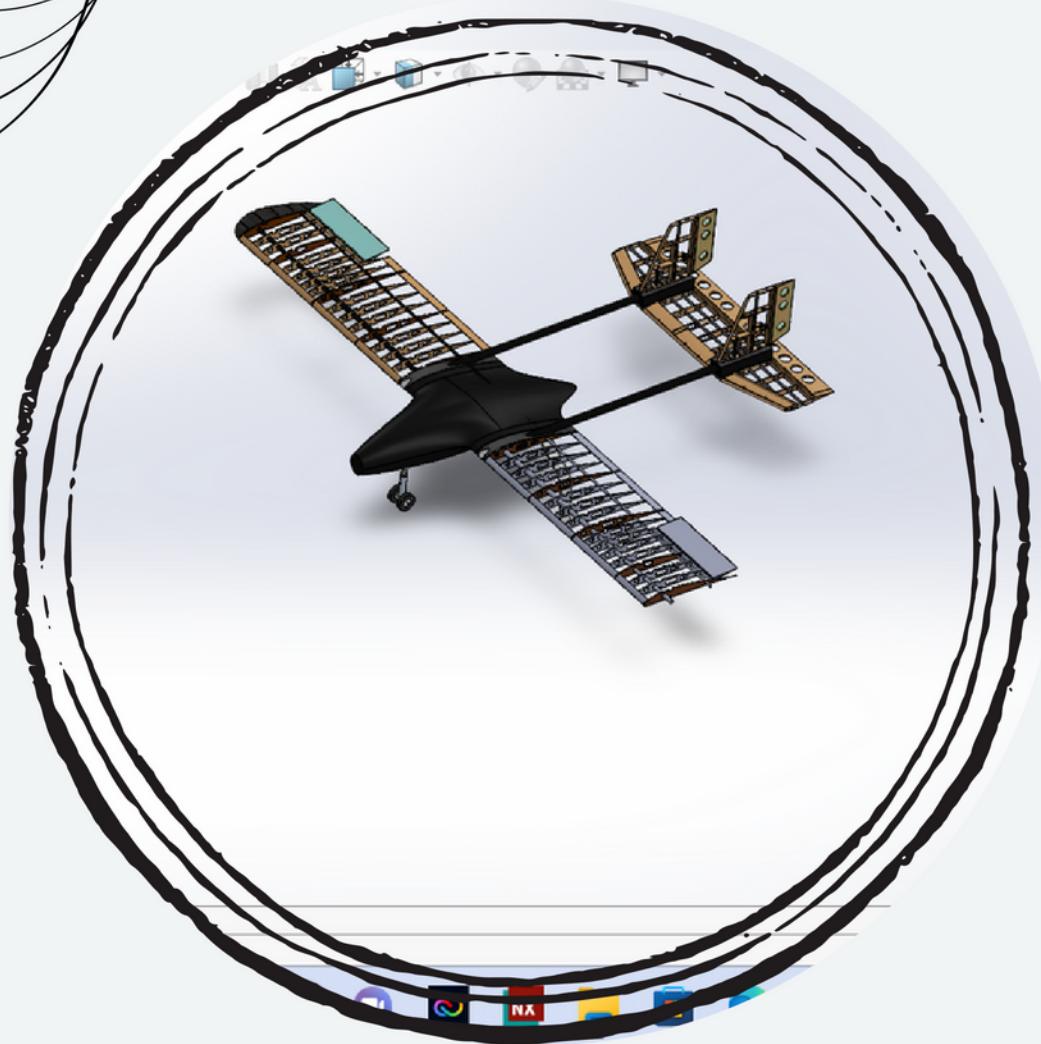


AVIONICS

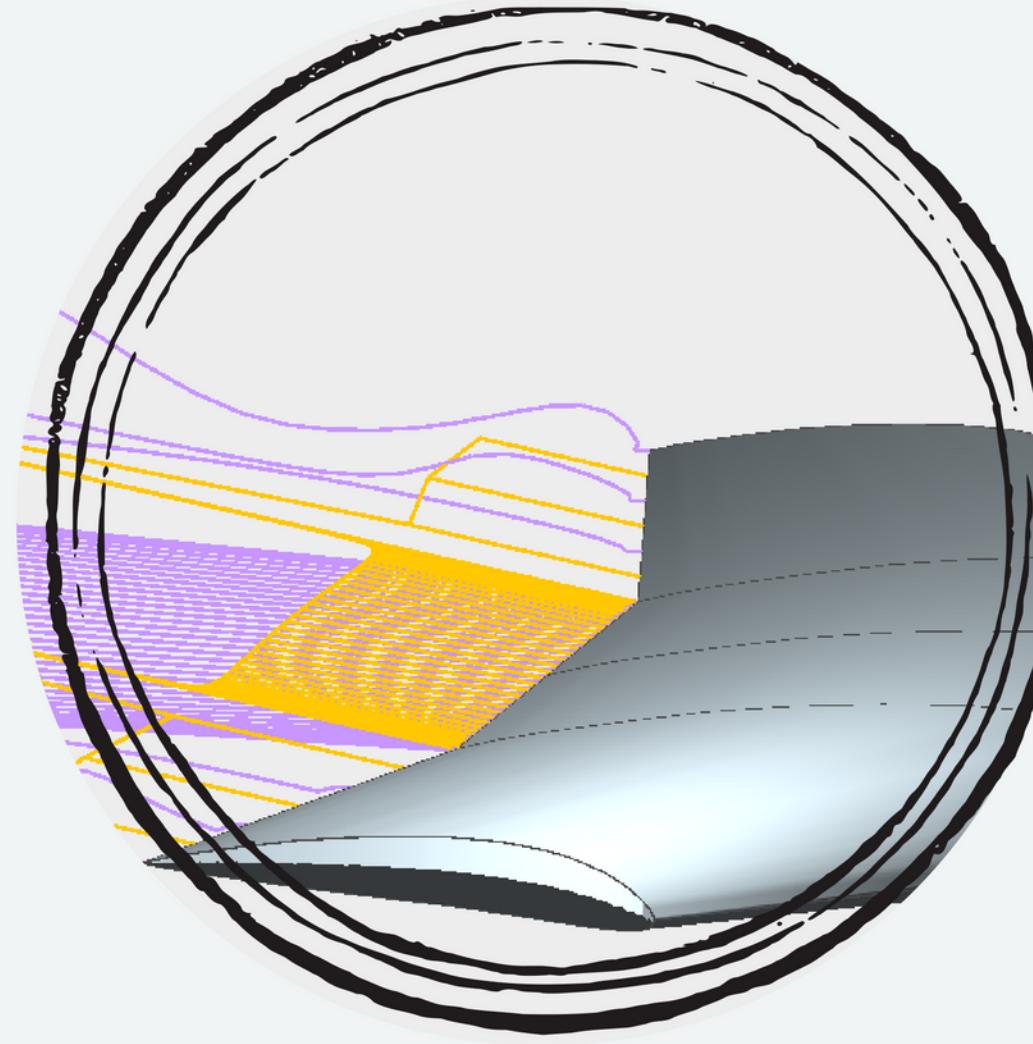


MEDIA & MARKETING

DESIGN & MODELLING



DESIGNING

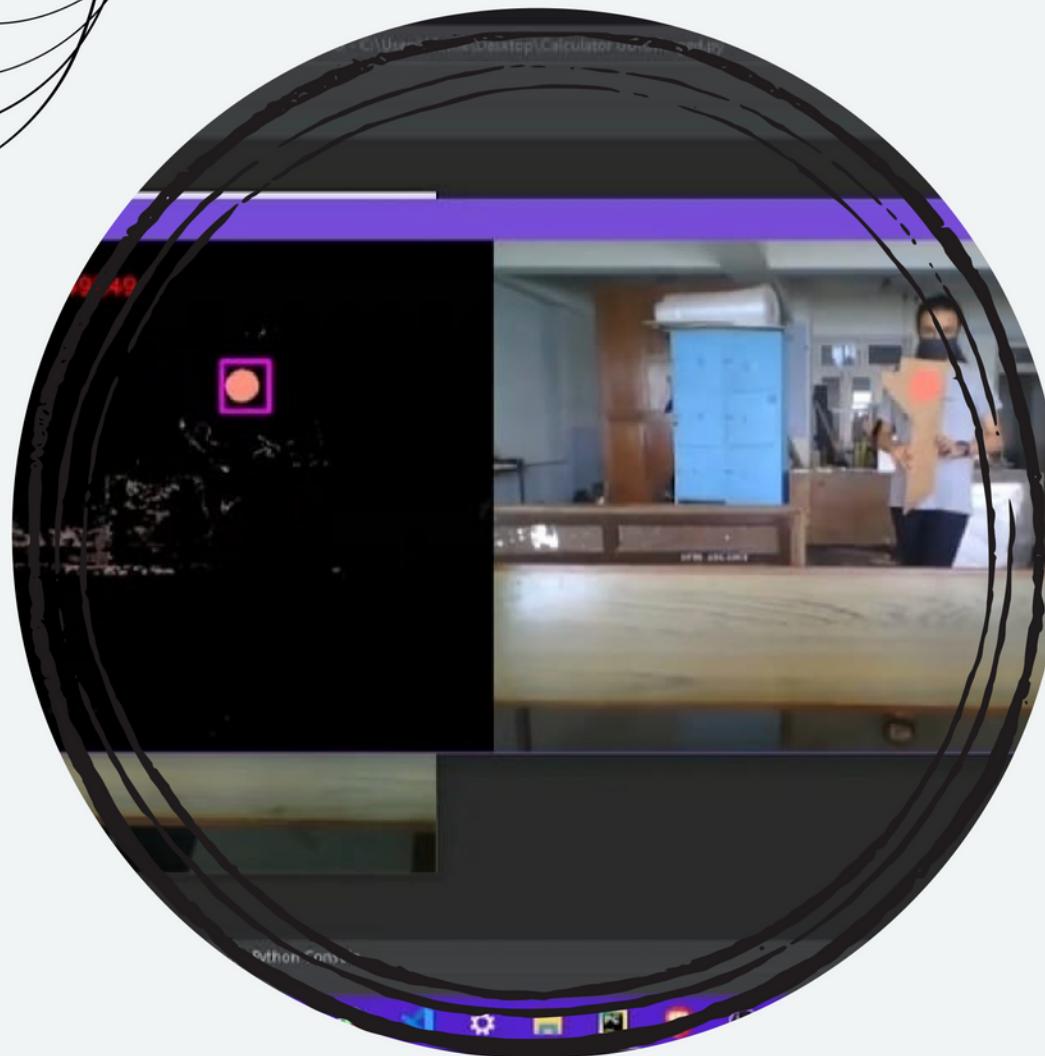


ANALYSIS

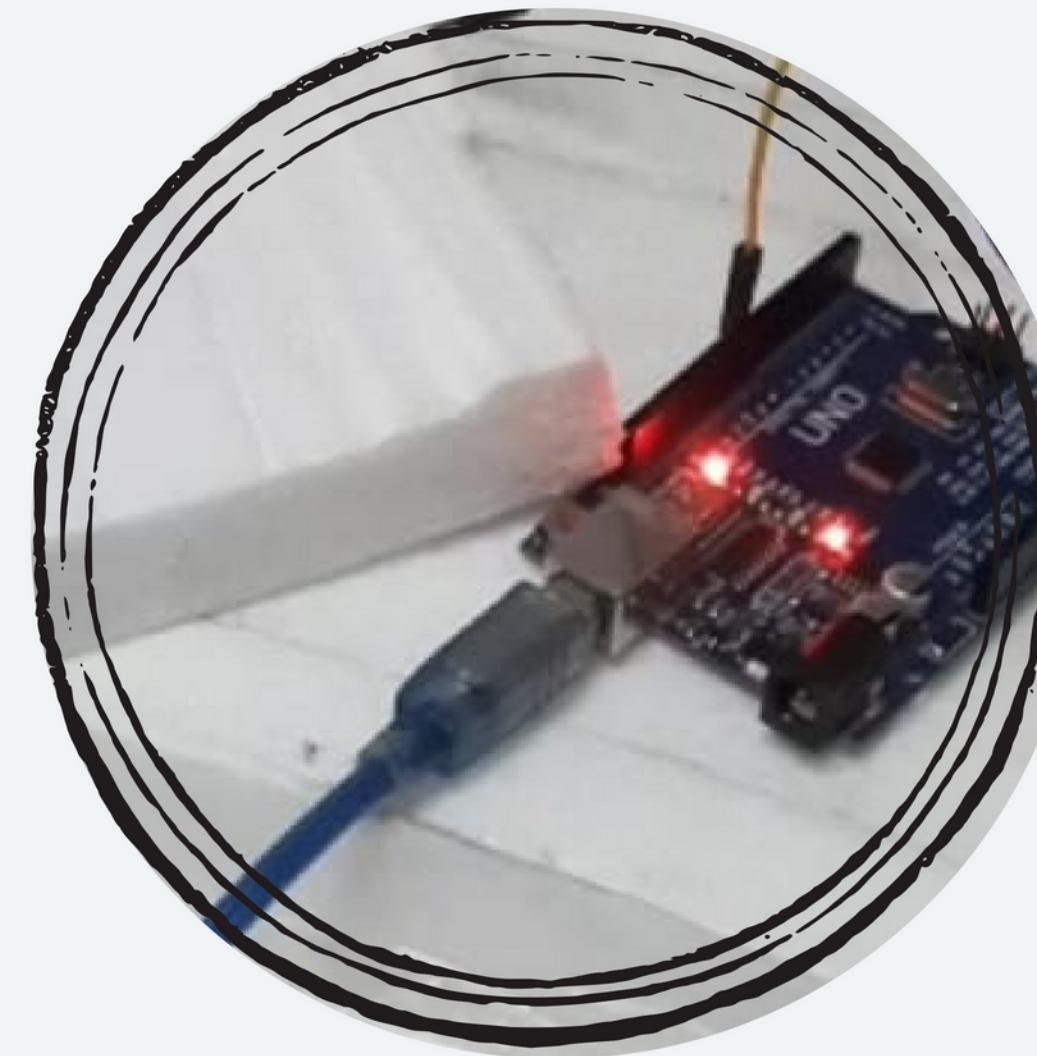


MANUFACTURING

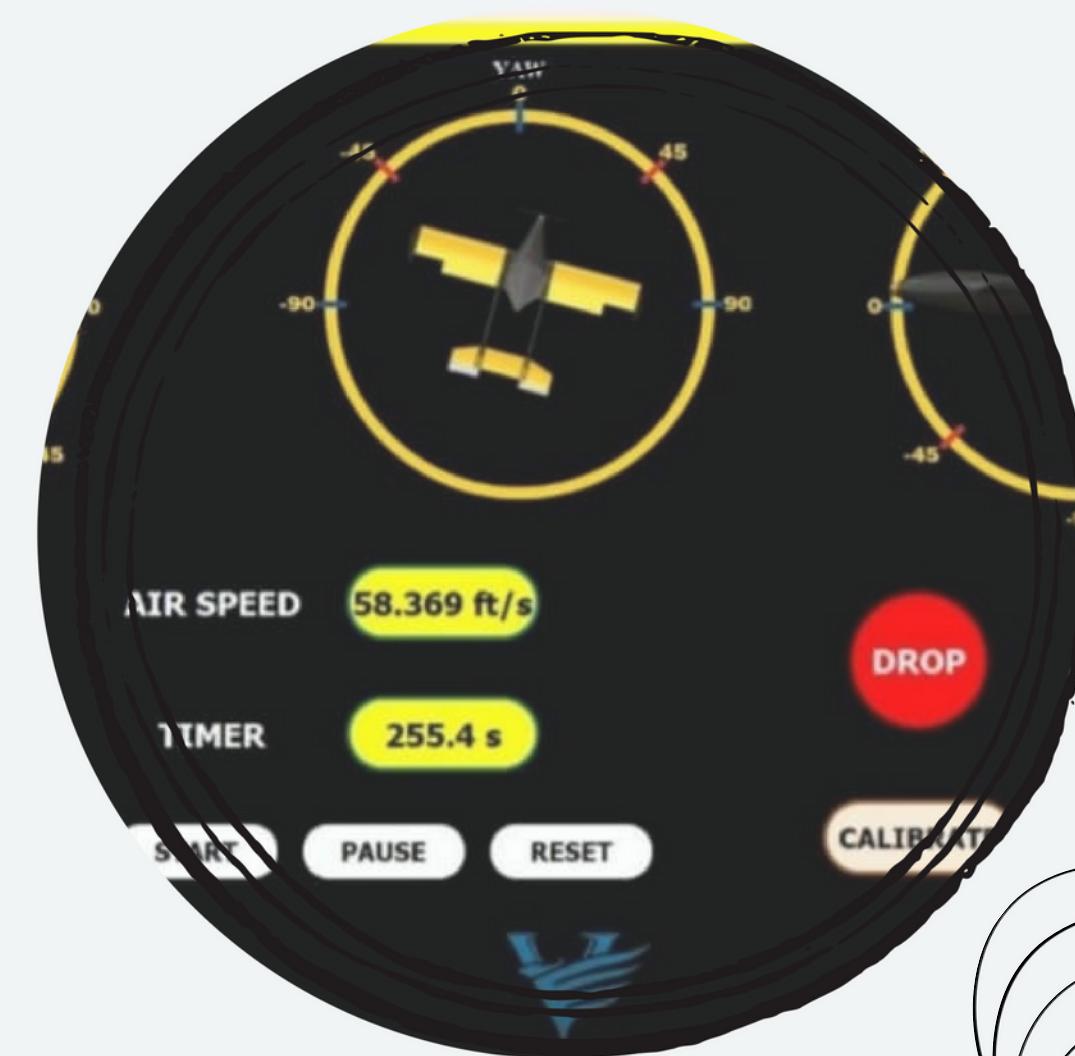
AVIONICS



**AUTONOMOUS CONTROL
SYSTEM**



**DATA ACQUISITION
SYSTEM**



GUI

MEDIA & MARKETING

Team Vaayushastra

We Are ...

Team Vaayushastra was established in the year 2012 to represent Fr. Conceicao Rodrigues College of Engineering in the SAE Aero Design Competition. Since that year, we have participated annually in the advanced class of the SAE Aero Design Competition, held in the United States, 9 times.

We have been one of the most consistent teams by finishing in the worldwide top 10 rankings, 7 times. The team is formed by 30 undergraduate students from different departments of the college who have the aptitude and interest conducive to the competition.

SAE AERO DESIGN EAST, LAKELAND, FLORIDA, USA

teamvaayushastra

73 Posts 1,177 Followers 162 Following (Following you)

Team Vaayushastra Official Aero-Modelling team of Fr. Conceicao Rodrigues College of Engineering. linktree/TeamVaayushastra

Followi... Message Email add...

Fabrication '22-23 2022-23 This or That ... Weird Wedn... 2017-18

WANNA WORK WITH US??

FINAL RANKS
SAE AERO DESIGN, EAST, FLORIDA
11th GLOBALLY
10th DESIGN REPORT
11th PRESENTATION
TEAM VAAYUHASTRA

FLAGSHIP
2022-2023

BLACK DARTER (2020-21)

Working with the Black Darter has left no doubts why aviation has been in the dreams and imagination of man as long as history can tell.

HERMES (2019-20)

The team secured a 9th rank in design report and 9th rank overall.

Fr. Conceicao Rodrigues College of Engineering, Bandra, Mumbai, Maharashtra, India

Directions

Shanti Avedna Sadan, Basilica of Our Lady of the Mount, Ganesh temple, Bandra-Worli Sealink Toll, Bandra Fort, Taj Lands End, Mumbai, Bandra Promenade, Mount Mary, Bandra West, Mumbai, Maharashtra-400050

28°C Haze

21:44 06-08-2023

Name: _____

Email: _____

Message:

Submit

PRESS COVERAGE

- National Recognition:** Team Vaayushastra's groundbreaking aero-designs and competition triumphs have earned national acclaim, featured in top aviation publications and leading newspapers nationwide.
- Award-Winning Prowess:** Team Vaayushastra's stellar achievements in international competitions and pioneering advancements in aviation technology have secured press coverage, solidifying our reputation as an award-winning team.

महाराष्ट्र टाइम्स

हम हैं नंबर वन!

टीम वायुशास्त्र ने अपनी एयरोड्रोन का डिजाइन और उत्पादन में बहुत लक्षणीय योगदान किया है। यह एक विश्वविद्यालयीन टीम है जो एयरोड्रोन का डिजाइन और उत्पादन में बहुत लक्षणीय योगदान किया है। यह एक विश्वविद्यालयीन टीम है जो एयरोड्रोन का डिजाइन और उत्पादन में बहुत लक्षणीय योगदान किया है।

टीम वायुशास्त्र

- एयरोड्रोन का डिजाइन - योगदान
- एयरोड्रोन का प्रोजेक्ट - योगदान
- एयरोड्रोन का डिजाइन - योगदान

कामीन अमर, ये टीममें एक वर्ष २०१८ में उत्पादन किया गया एक काम, कैलिफोर्निया एयरोड्रोन का डिजाइन भी योगदान दिया गया है।

hindustantimes
campus cocktail

It is a 'Game of Drones' as students bag laurels abroad

AERO DESIGN Aero clubs from various colleges win prizes at competitions in the US

Munab Qazi
■ [aero@timesofindia.com](#)

WHAT IS AN UNMANNED AERIAL VEHICLE (UAV)?

MUMBAI: For decades, aviation experts in India have used India's inability to produce planes and its makers. Even as the country continues to buy most of its aircraft from foreign aircraft makers, a small but burgeoning culture emerging in city engineering colleges appears to be a ray of hope.

Today a rising wave of international aero design competitions, aspiring aeronautical engineers are forming aero clubs to make their own flying machines.

Students of Veermata Jijabai Technological Institute (VJTI), Matunga, established one such 'aero club' in 2010. The club, named Aero VJTI, has sent four teams to the aero design competition held in the US and won some prime, said students.

"Over the years, our club has become very good in aircraft designing. VJTI also has a wind-tunnel lab for those interested in research in the field of aeronautics," said Deenish Doshi, a member of the club.

The Aero Design competition, held annually in the United States by the Society of Automotive Engineers, has wide application in many fields," said Akib Peeraze, a former member of 'Team Aeroids' at the MHT Saboo Siddik College of Engineering & Technology.

Funding is one of the biggest challenges, felt students. While many colleges and sponsors provide monetary assistance to the

competing teams, the students often have to fund their trip to US. "Initially, the funding was a problem. But as we progressed, the college realised the importance of our work and helped us generously. But once we won prizes in the competition and were featured in the newspaper, the funds started pouring in," added Peeraze.

AeroVJTI (Veermata Jijabai Technological Institute, Matunga)
Aeroids (MHT Saboo Siddik College of Engineering, Mumbai)
Omni (K.J. Somaiya College of Engineering, Mumbai)
Vaayushastra (Fr. Conceicao Rodrigues College of Engineering, Bandra)
Rakshak (IIT-Bombay Powai)
Skydive (D.J.S. Sanghvi College, Virar Park)
AeroVeda (Rajiv Gandhi Institute of Technology, Andheri)

Students of Veermata Jijabai Technological Institute (VJTI), Matunga, established one such 'aero club' in 2010. The club, named AeroVJTI, has so far sent four teams to the aero design competition held in the US and won some prizes, said students.

लोकसत्ता

वांद्रेकर विद्यार्थ्यांचे 'स्मोट कंट्रोल' वरील विमान सरस!

प्रतिलिपी, मुंबई

वांद्रेकर विद्यार्थ्यांचे 'स्मोट' महाराष्ट्रातील विमानाने वायुसामूहिक प्रकाशने तरार केलेले रिवेट कंट्रोलवाले विमानाने जगातीक पहाड़ीकाठी साहाय्य करण्याक घटकावाणा आहे. अंतर्राष्ट्रीय डल्लास वेच दरवारी शेपर कुटावाळन रिवेट कंट्रोलाने विमान डल्लासाची अंतर्राष्ट्रीय स्कॉर अंतर्विनायक केली गाया. या स्पष्टेव विद्यार्थ्यांनी दोन्हा कुटावाळन विमान उडवून दाखविल्याचले. त्याचे यांचे बांधावाळने देखाव आहे. याचे नाहाविद्यालयात घेण्याचे स्पष्टेव दुहाचा कामाने याच्या नियमांक उटवाळवाणा होता. वांद्रे रोमां कामाने याच्या नेतृत्वातील प्रथमाने साहाय्य करण्यावाले आहे.

गेल्या काढी इंडियाचा स्कॉर विनायक डल्ले लक्ष्य कूट विमान विमान हावर वाचावात आहे होते. यादृच काढी विनायकाचा लक्ष्य दाखवावाचे शब्द तिकवा 'कावेन पकावार' या वाच कठन विमान विनायक वाचावात आहे. काढी विनायकाचे लक्ष्य विनायक स्कॉर रेलेले रिवेट कंट्रोलवाले विमान चाचणाऱ्यात यांच्याची ठरत्यानंतर वायुसामूहिक प्रकाश अंतर्विनायक लक्ष्य आहे.

या स्पष्टेव सहभागातील ई-मेलवर सादर केला आह्याल अंग ग्राविटी सादरकरण याचा अवालिंग गुप्त दिले जातात. या स्पष्टेव जापानातील सुमारे ८५ विनायक महाराष्ट्रातील साहाय्य घेण्यावाले आहे.

महाराष्ट्र टाइम्स

वायुशास्त्राची गरुडभरारी

आवाजाचा बद्रम, कालीव वाच रिटेल
muntainbox@gmail.com

दृष्टिमोर्चा टायप स्प्रीड, तर तम्बवत ४ किलोवे प्रॅटोइड पैकेज्याची वामाता असलेली विमान... हे वर्षात ऐकून तुम्ही अंगांक द्यावता असावत, याचे हे मस्तिष्ठ उत्तरवाले "टीम वायुशास्त्र"यांनी...

वायुशास्त्र फारदर यांची ई-टायप विमानातील अंगांक ई-जिनीरिंग यांनी २०१३ ला दीम वायुसामूहिक विमान यांची अवालिंग कराऱी विषयात त्यांची वायुवेगाने अपाळा एक विमान तास उत्पादनात आहे. विमानाची अंगांक अंतीमोदिन्ह इंजिनिअर ही विमानाचा आताराष्ट्रीय याताकावर आहे.

विमानाची विशिष्टता
दृजिन वापरत २.० एंड्रोइड
दृष्टि स्प्रीड १५०
विमान वापरी : २ घोर
एकूण वापरी : ५ लाख

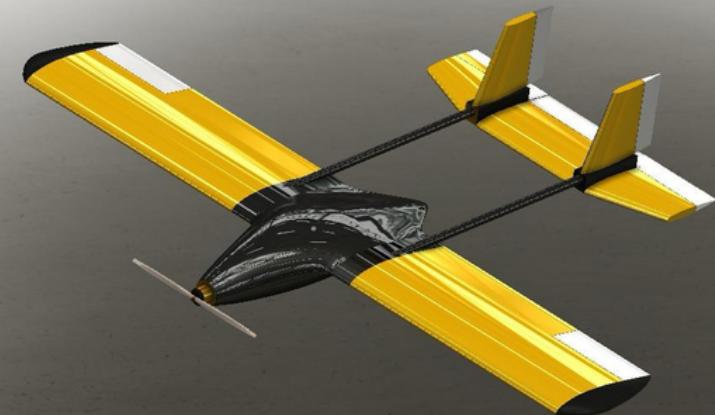
दृक्षयी प्रमाणे
वाही वापरी स्प्रीड
वापरत वायुवेग
वायुवेग प्रवाल
वापरत वायुवेग
वायुवेग वापरत वायुवेग

PREVIOUS SPONSORS



WHY SPONSOR US

Mission



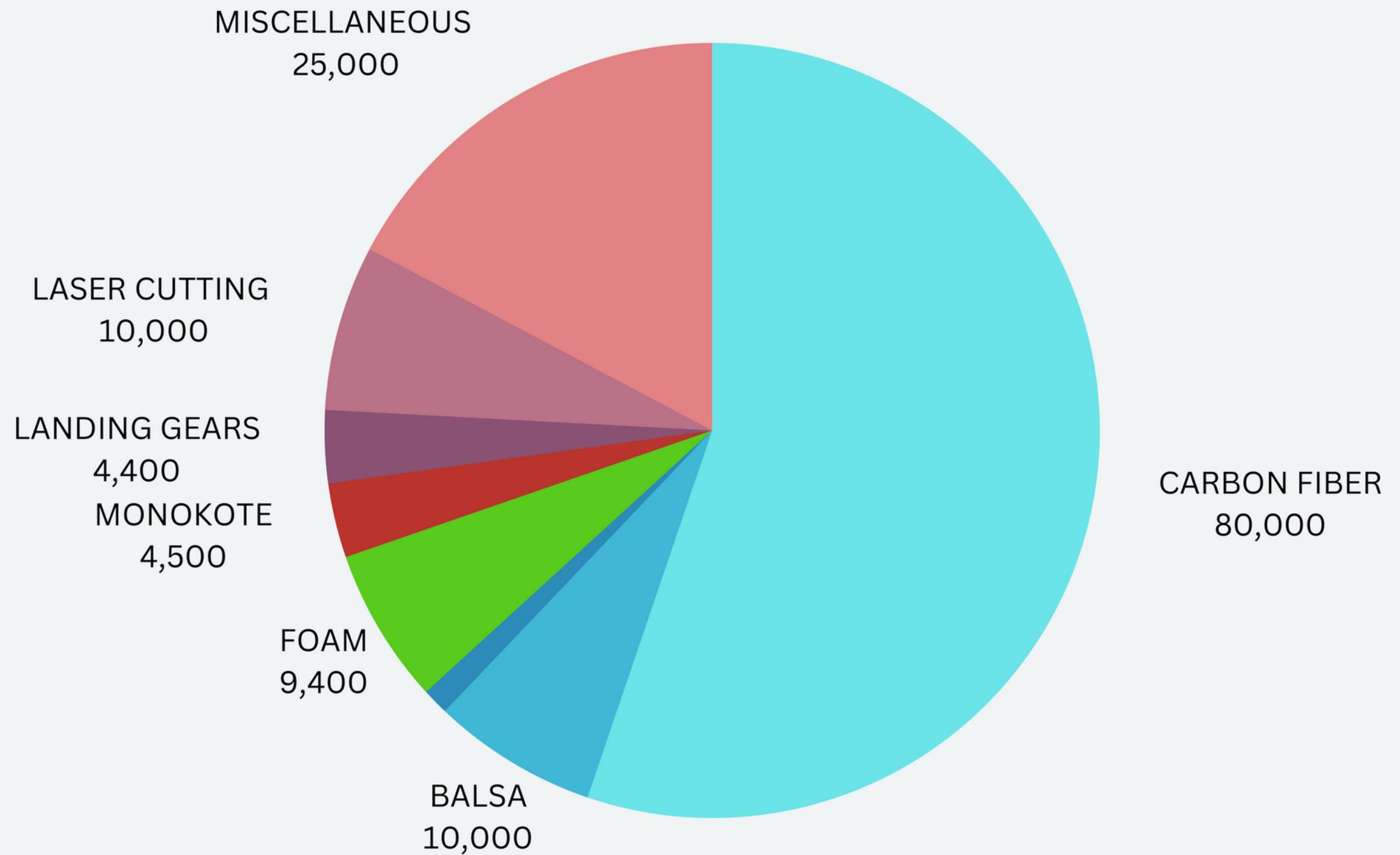
- **Global Recognition:** Showcase your logo or flagship product on our cutting-edge aircraft at international competitions, ensuring unparalleled visibility and captivating a global audience.
- **Mobile Brand Ambassadors:** Your brand prominently featured on team merchandise transforms our members into walking advertisements, garnering attention and interest wherever they go.

- **Dynamic Marketing Opportunities:** Showcase your brand on team banners at every event for enduring marketing impact, positioning your company at the forefront of industry recognition.
- **Brand Innovation Ally:** Elevate your brand by sponsoring our cutting-edge aircraft, contributing to groundbreaking achievements and aligning with progress and cutting-edge technology.

Vision

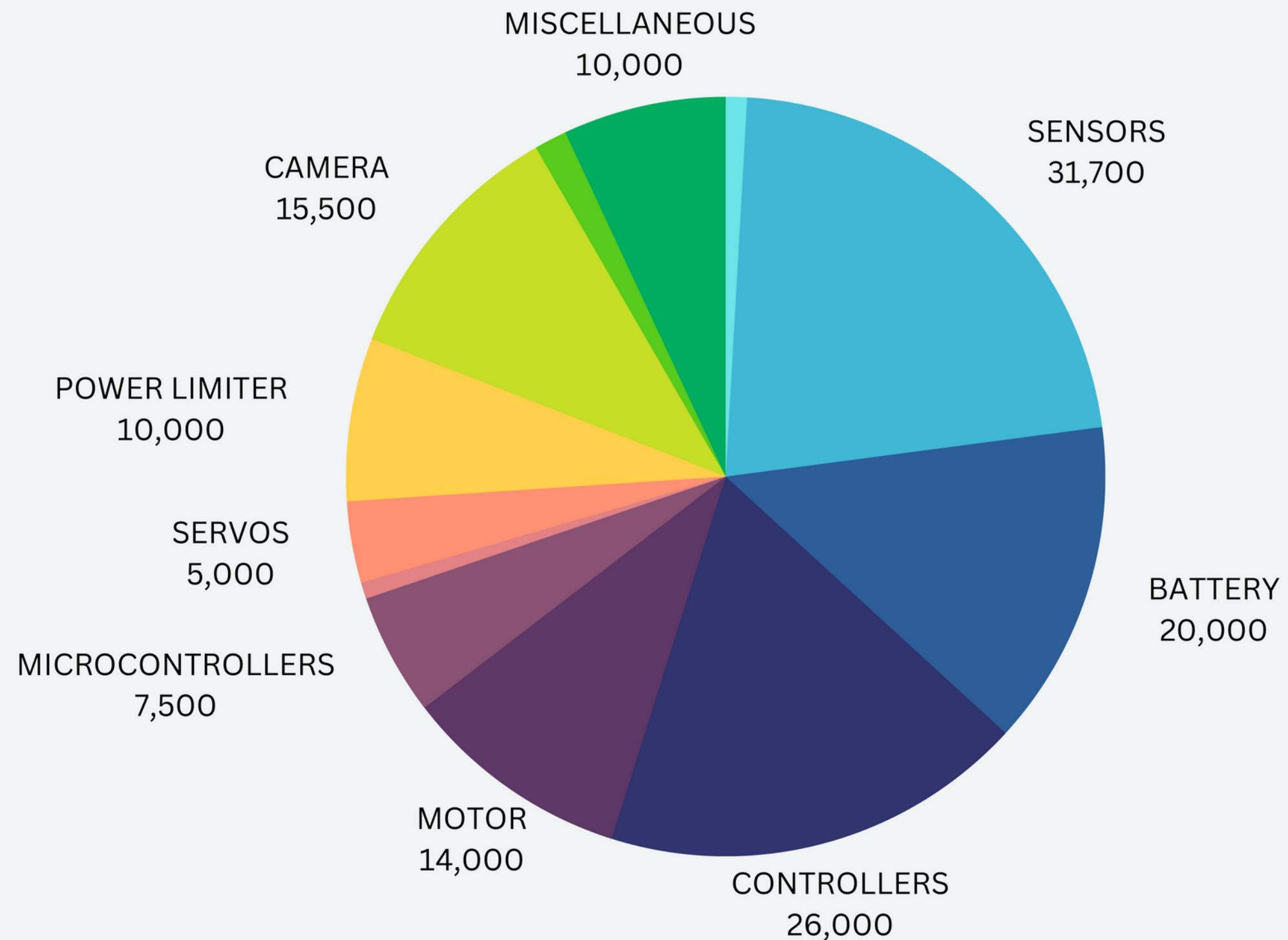


DESIGN & MANUFACTURING



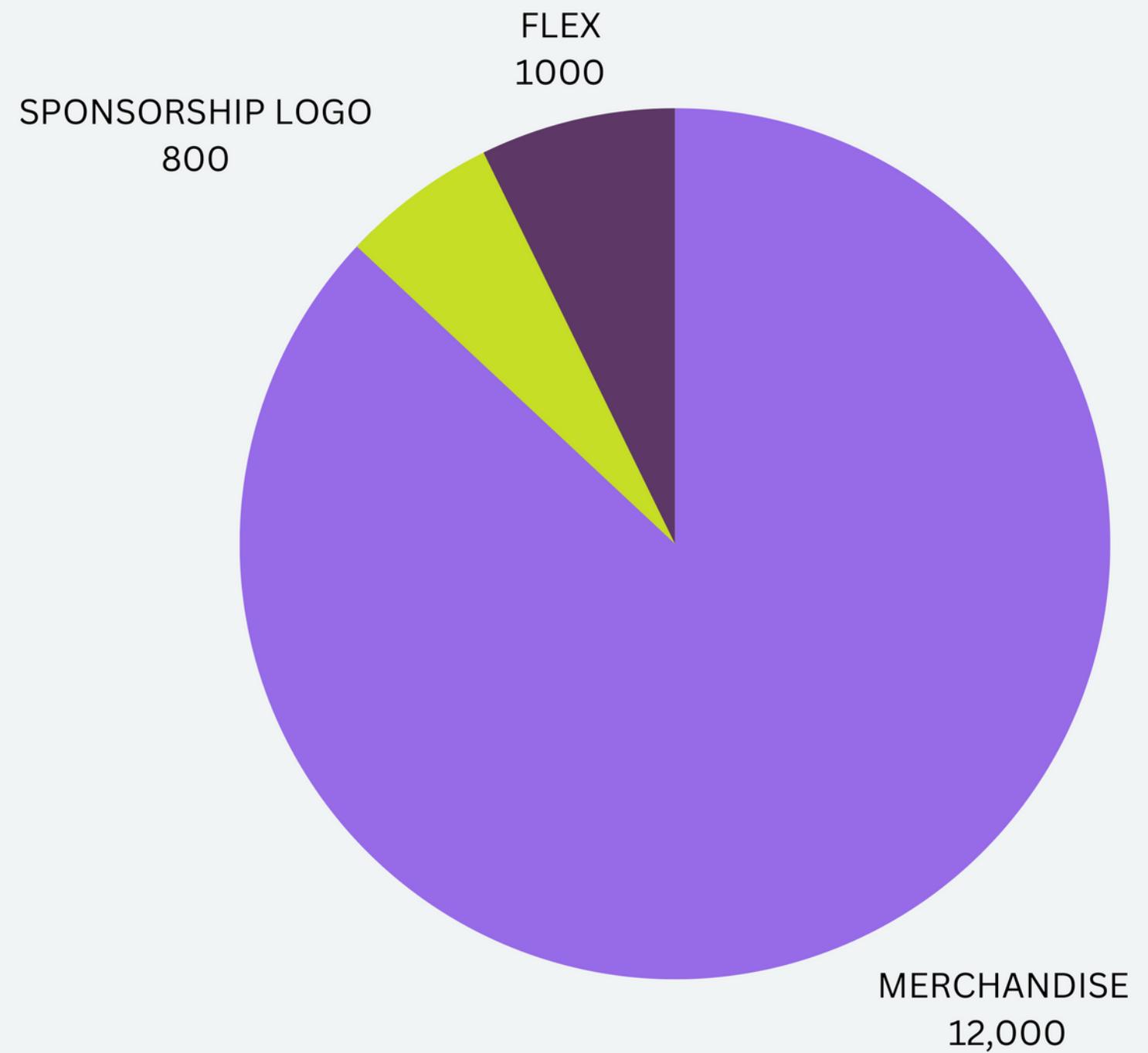
TOTAL EXPENDITURE : 1,57,500

AVIONICS



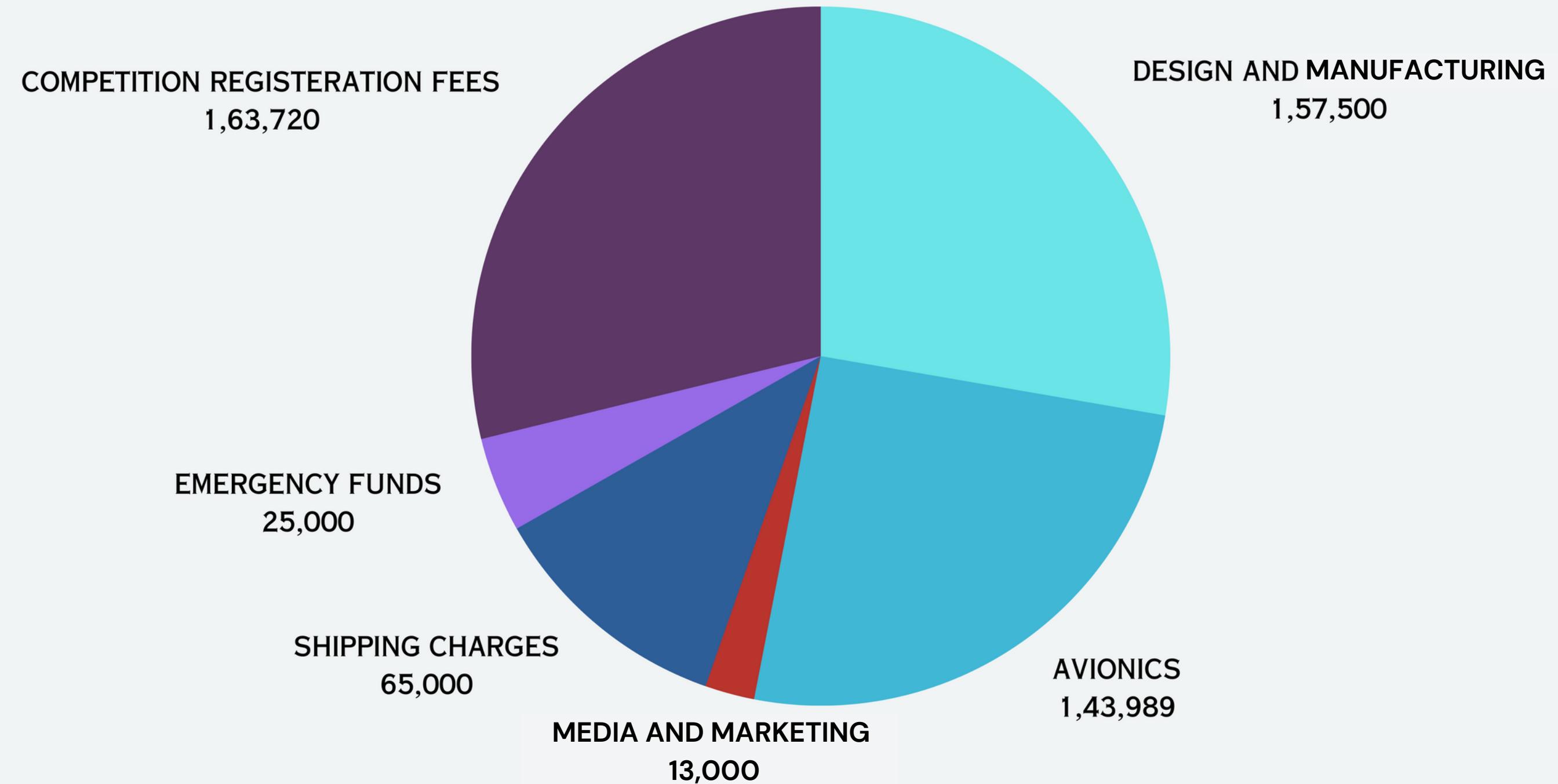
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MEDIA & MARKETING



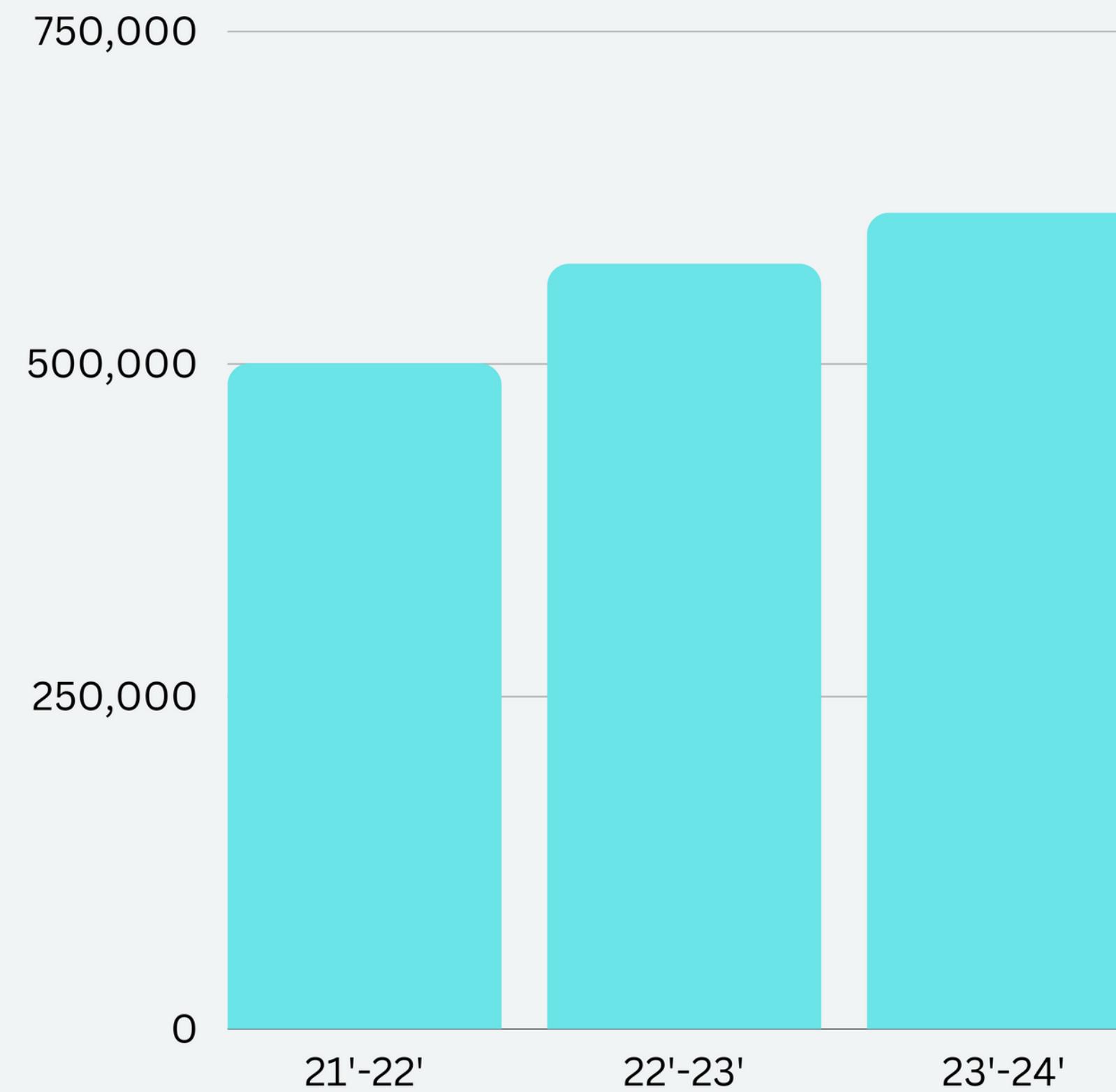
APPROXIMATE EXPENDITURE : 13,000

EXPECTED BUDGET 23'-24'



TOTAL : 5,68,219

BUDGET COMPARISION

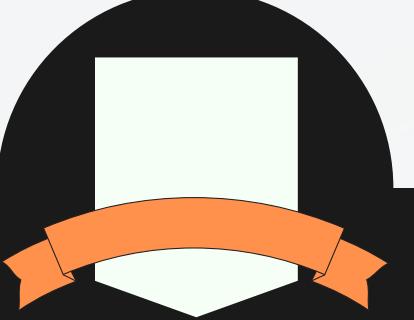


FINANCIAL OFFERINGS



Strategic Social Media Promotion via Team Channels for Enhanced Corporate Visibility and Robust Marketing Impact

MEDIA MARKETING



Exclusive Logo Placement on Team Banners for Pervasive Visibility Across All Future Team-Related Events.

TEAM BANNER



Strategic Merchandising Premium Branding on Team Merchandise for Amplified Visibility – A Wearable Advertisement and Exclusive Offering for Sponsor Engagement.

MERCHANDISE



Global Aviation Showcase Elevate Your Brand with Prime Logo Placement on Our Innovative Aircraft Competing Internationally – Unmatched Visibility and Impactful Marketing soaring to new heights

LOGO ON AIRCRAFT

CONTACT DETAILS

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Fr. Agnel Ashram, Bandstand, Bandra(W), Mumbai-400050

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Faculty-in-Charge- Prof. Dipali Bhise
dipali.bhise@fragnel.edu.in

Contact

Piyush Jogale
CAPTAIN
9860898412

Social Media Handles

