



# TEAM VORTEX

From Turbulence To Triumph

Aeromodelling Team  
VIT Bhopal

आकाशमार्गाय साधनम्  
An endeavor for the path of the skies.



## About Team

Team Vortex is a student-driven aeromodelling team from VIT Bhopal dedicated to designing, innovating, and developing Unmanned Aerial Vehicles (UAVs). We focus on aerodynamics, structures, avionics, automation, and CAD/CAE, combining technical knowledge with creativity.



Prashant G.K  
FACULTY CO-ORDINATOR



Kovit Patel  
TEAM CAPTAIN

# Our Vision



**Through our projects, we aim to push the boundaries of aerospace technology while representing VIT-Bhopal and India on a global stage.**

## **Team Vortex: Where Ideas Take Flight**

As the flagship student-led aerospace engineering initiative at VIT Bhopal University, Team Vortex is a powerhouse of creativity and technical execution. We are a collective of dedicated students driven by a shared goal: to push the boundaries of what is possible in unmanned aerial vehicle (UAV) design and technology. Moving from CAD models to wind-tunnel testing and autonomous flight, we bridge the gap between theoretical knowledge and real-world engineering. Our workshop is a crucible of innovation, where ideas are forged into tangible, cutting-edge aircraft, proving that the future of aerospace is being built here, today.



# OUR 2026 COMPETITION SKIES



## Applying Innovation on the National and International Stage

### SAE Aero Design

The SAE Aero Design competition offers engineering students a real-life challenge, focusing on design. Participants engage in trade studies and make compromises to create optimal designs that meet mission requirements while adhering to configuration limitations.

### SAEISS Autonomous Drone Development Challenge

ADDC challenges student teams to conceptualize, design, develop, and demonstrate fully autonomous drones that can perform complex real-world missions. The competition fosters innovation in UAV technology, including autonomous navigation, object detection, decision-making, and aerial logistics. Whether it's search and rescue, medical delivery, or survey missions, ADDC pushes the boundaries of what's possible in unmanned aerial systems.

### Boeing Aeromodelling: Pinpoint Precision

Boeing Aeromodelling, part of the Boeing Engineering Innovation Awards, is an annual festival that spans a semester. It includes workshops, talks, zonal competitions, and a national competition, aiming to spark interest in the aerospace industry among engineering students and provide a platform for skill development.



# Budget Specifications



## Budget

Avionics - 2 lakhs

Structure/materials for the aircraft - 25k

Testing and optimization - 1 lakh

Competition registration - 2 lakh

Travelling - 1 lakh

Accommodation and foods - 70k

Miscellaneous - 50k



# Why Sponsor Us?



## Partner With Innovation

### High-Impact Brand Visibility & Marketing

Sponsoring Team Vortex increases brand visibility via logo placement on aircraft, uniforms, pit displays, and digital platforms, linking the brand to high-achieving students in a competitive environment.

### Strategic Talent Acquisition

Secure a competitive edge in the recruitment of highly-skilled engineers by engaging with motivated students who have proven practical experience.

### Invest in the Next Generation of STEM Leaders

Sponsoring us invests in future STEM leaders, supports student success, fulfills corporate social responsibility (CSR) goals, and aids in developing the next generation of engineers and innovators.

### Category-Exclusive Title Sponsorship

We provide an exclusive partnership that grants your brand "Title Sponsor" status, ensuring it is the only representative from your industry. This integrates and distinguishes your brand within our identity.



HOW SPONSORS CAN



# Support Us



one



## Component Sponsorship

- Sponsors can support us by providing the parts, tools, or equipment we need for our projects. This may include:- Electronic components, Mechanical parts and fabrication materials, Software licenses.
- In-kind hardware sponsorship reduces costs and enhances build quality.

two



## Financial Sponsorship

- Financial contributions allow us to manage the many expenses involved in designing, building, and competing. Monetary sponsorships help cover:- Project development costs, Prototyping and testing, Registration fees, Safety equipment
- Sponsors can contribute a one-time amount or become recurring partners.

three



## Travel & Accommodation Sponsorship

- Competitions often require us to travel nationally or internationally. Sponsors can support us by covering:- Transportation costs, Accommodation, Logistics and shipping.

four



## Innovation

- Continuously seeking new ways to improve products, services, or processes to stay ahead in the industry. Innovation fosters creativity and encourages forward-thinking solutions.

# Contact Us



**To connect with Team Vortex, please use the contact information provided below. We look forward to hearing from you.**



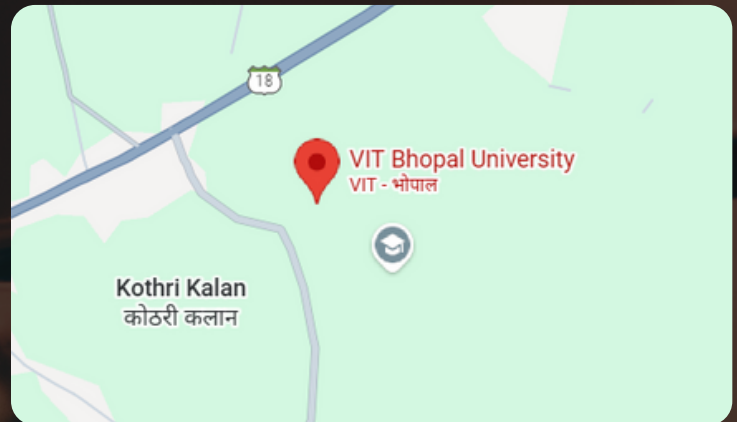
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