

About Us

Aeroclub is the Aeromodelling club of HBTU established in the year 2017 under the Association of Mechanical Engineering (AME) by our seniors Ravindra Kesarwani, Monica Gupta, Rahul, under the guidance of Dr. S. K. S. Yadav.

The club was established to overcome the challenges pertaining to lack of innovative environment, an adequate platform and ample resources.

We aim to provide the best learning opportunities to all the aeromodelling enthusiasts out there.

As a member of the club, the students engage in designing, fabricate and simulating various free flight, radio controlled models and drones . To showcase their passion for flying the club members participate in various fares like techkriti, held at IIT Kanpur and similar shows held at other institutes all over the country.

SUPPORT US ON OUR JOURNEY!!!

Support us on our journey by making a small contribution, proving us with resources or by simply following us on every platform!! We promise to provide with fresh content and insights through our Insta page

UPI - 7037755563@ybl
UPI Holder- KARTIK CHAUHAN
(TREASURER, AeroClub)

AEROCLUB

HBTU Kanpur



CONNECT TO US

Telephone

+91 7248338611

Address

Department of Mechanical Engineering, HBTU Kanpur

Our Insta Handle



AEROCLUB.HBTU

LinkedIn

aeroclub-hbtu-kanpur

Mail

aeroclub.hbtu@gmail.com

AERO CLUB- HBTU

HBTU'S AEROMODELLING CLUB



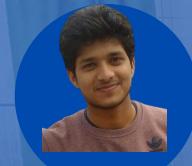
FOUNDERS & MEMBERS



Ms. Monica Gupta



Mr. Ravindra Kesarwani



Mr. Rahul Kumar



Mr. Shikhar Kamal

CURRENT HEADS

SHUBHAM GUPTA (Final CHE)

VIKAS RAJPUT (Final FT)

HARSH CHAUDHARY (Final CHE)

KARTIK CHAUHAN (Final ME)

ATUL KUMAR (Final EE)

SATYANSH PRAJAPATI (Final ET)

ARCHANA DEVI (Final ME)

NIKITA MISHRA (Final PL)

SAMIKSHA SINGH (Final BE)

HIMANSHU (Final ME)

OUR PROJECTS

We have designed and fabricated Radio- Controlled planes of low, mid, high winger configuration using Choroplast and styrofoam material. We have worked on hovercraft designs and some free flight models too. Drones being the current buzzword of the tech world; we have built several quadcopters for various applications like 3D scanning, surveillance, etc.

Our newest RC models include a low winger Vought F4U CROSAIR from choroplast material and a Lockheed F117 Night Hawk from Choroplast material.

LIST OF PROJECT

High Winger RC Plane (Coroplast)

High Winger RC Plane (Styrofoam)

Mid Winger RC Plane (Styrofoam)

Quadcopter Drone

Arduino Based RC Trasmitter

F4U CROSAIR model (Coroplast)

F117 Night Hawk model (Foam Board)

Hovercrafts (Styrofoam+ Misc)

Free Flight Rubberband propelled aircraft

And many many more.....

We ran out of sapce XD

OUR FUTURE PROSPECTUS

ORNITHOPTER

- designed to scare away birds that could damage the engines of airplanes; can be used for traffic monitoring

- apt for forestry and wildlife survey

-used for military applications such as aerial reconnaissance without alerting the enemies that they are under surveillance.

UNCRASHABLE DRONE

- an outer cage as a protection

-the drone would be able to avoid damage and would be able to carry out operations in dense forests, hazardous area inspection, tunnel inspection etc.

FIRE FIGHTING DRONE

-to deal with structural fires and strategizing plan of approach for fire fighters

Remotely accessible in extinguishing fires; has a hose pipe connected for water supply

THERMAL SCANNING DRONE

-a drone which can detect living beings using various sensors

- designed to help the farmers having large cultivating lands by monitoring them for intrusions and grazing animals.