Aeromodelling Laboratory
Department of Aerospace Engineering
IIT Kharagpur

Anup Ghosh

Established in the year **2004** with inspiration from **Prof. G Bandyopadhyay**

Major Facilities

- **Vacuum assisted resin transfer** molding facility to build any model of **laminated composites** material.
- **Fabrication facility** for any type of **Balsa wood** model ranging from MAV to UAV.
- **Thermocol** (Polystyrene) **cutting** facility for model building.
- **IC engine test bench** for model aircraft.
- **Battery charging** kits for all type of rechargeable batteries.

Other Necessary Facilities

- **Unlimited number of essential tools and accessories** to build and fly a good successful model including **Transmitter & Receiver, Servo motors**, etc.

Academic Activities

- Research related to MAV, UAV, experimental aerodynamics, etc.
- Supports the inquisitive young students to dream of flying.
- Any kind of model building for any kind of research.
- Student projects funded by external funding agencies like Boeing USA.
- B. Tech projects to summer internship.

Extracurricular Activities

- Supports approx 10 groups to participate in tech-fest of IIT Kharagpur and all over India.
- Any other possible activity like hovercraft building, etc.

Future Expansion Plan – Infrastructure

- CNC based laser cutter.
- 3D CNC based thermocol cutter.
- A full scale telemetry system with airspeed sensor, α & β sensor, Pressure Sensor, GPS, Altimeter, etc.
- Augmentation of composite fabrication facility.

Future Expansion Plan – Academics

- Introduction of **Flight Testing Laboratory**.
- Introduction of **Aeromodelling Laboratory**.
- Augmentation of Aircraft Design course with design and fabrication of an UAV.
- Enhancement of experimental research in the areas of MAV, UAV and experimental aerodynamics.


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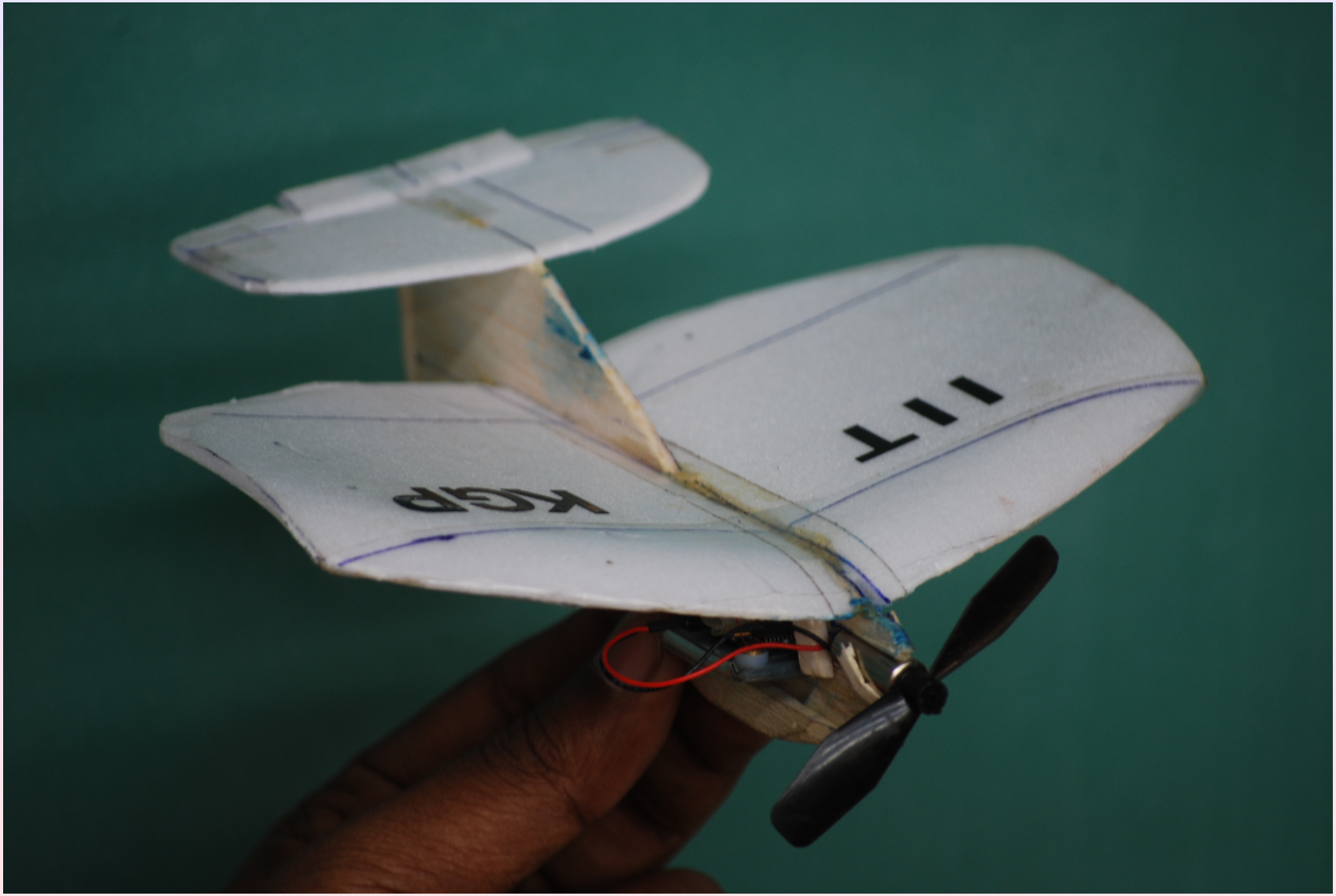
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DEPARTMENT OF AEROSPACE ENGINEERING
AEROMODELLING WORKSHOP ON
13TH & 14TH JAN 2007
MR. PALASH PAUL, AN EXPERT WITH MORE THAN 10 YEARS OF EXPERIENCE IN AEROMODELLING, WILL SHOW THE TYPICAL ADJUSTMENTS NECESSARY TO FLY YOUR FIRST MODEL. HE WILL ALSO SHARE HIS EXPERIENCE AND EXPERTISE OF FLYING TOW-LINE, CONTROL-LINE AND REMOTE CONTROL MODELS.


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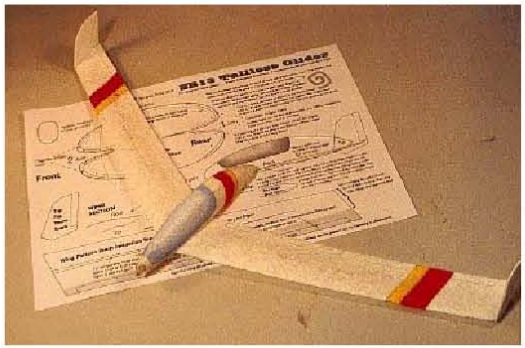
AEROSPACE ENGINEERING

AEROMODELLING-WORKSHOP

A two day interactive workshop on Aeromodelling is going to be conducted on the coming Saturday and Sunday by an expert and the event is being organized by the department of Aerospace Engineering. Grab this opportunity to gain some hands-on experience of making your own gliders.



There are three events in this workshop:

EVENT	TIME
1. Interactive learning session on making	


MOON
Reebok

Thank You