Quidditch

(The Journey of Quadcopter)

➤ Build your QuadCopter to travel from source to destination crossing various interruptions, hurdles, etc., along the path of journey.

➤ QuadCopter are to be built according to the specified dimensions.

➤ Quad-copter should not injure any person. If it happens then team will be disqualified and will be held responsible for that incident.

➤ The hurdles will be built according to the dimensions of the Quad, no relaxation is provided in case of dimensions except specified case.

➤ The performance of the Quads in all the Stages/Arena will be evaluated individually.

➤ The QuadCopter will be scored on basis of the points earned for crossing / navigating through each of the hurdles, the team scoring the maximum points and avoiding all eliminations at different stages will be declared as WINNER.

➤ A team can take part with one Quad only.

➤ Replacement of the parts of Quad will be allowed in case only if accident occurs.

➤ If the Quad is found making damage to the arena, Judges reserve rights to eliminate a particular Stage/Check Point/Complete Participation.

Game Points:

➤ **10 Points:** QuadCopter build quality / design and innovation.
➤ **10 Points:** If participant team able to put a camera on QuadCopter and showcasing the same on a large HD monitor (Screen with HDMI /AV input will be provided by us).
➤ **20 Points**: Successful takeoff and landing of the QuadCopter.
➤ **10 to 20 Points:** Can be earned for taking off / landing/ flight path and maneuver, basis the complexity of the hurdle. Appx. 10 hurdles will be there on the runway.
➤ **(- 10) Points :** If quad touchs any hurdle during flight.

Dimensions:-

➤ The complete QuadCopter should fix inside the box of dimension (Cm) 75 X 75 X 75 (LXBXH). All dimensions are in cm.
➤ There is no restriction in making use of the Quad frame material or the Ratings of the BLDC Motors, Electronic Speed Controllers, Propellers, Batteries and Weight of the QuadCopter.
➤ **READY MADE TOY QUADCOPTER KITS ARE STRICTLY RESTRICTED.**

Complete QuadCopter:

➢ Quad Frame
➢ Radio Devices
➢ Stabilization Unit
➢ BLDC Motors
➢ ESCs
➢ Propellers
➢ Landing Gear

Additional Accessories:

➢ Camera
➢ FPV unit
➢ Altitude Locking Mechanism such as IR Sensors, Ultra Sound Sensors, etc.

Prize-Rs 5000/-

Arena

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START/LAND