



IGDTUW – ANVESHAN FOUNDATION

IGDTUW Campus, Kashmere Gate, Delhi-110006
Business Incubator Promoted by
INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR WOMEN

1. WORKSHOP ON FLY HIGH: DIY DRONES USING 3D PRINTING

Through this workshop students have gained skills which are necessary for UAV /Avionic industry along with introduction to additive manufacturing and rapid prototyping techniques. Students have been able to use these skills to make their own projects, expressing their ideas and innovating methods for building new use cases in the field of Drones. The students who have been able to make innovative projects can build on the knowledge acquired and carry out their further research. This knowledge has opened up a new area for exploration and technology development. The event was attended by more than 76 participants.

Trainer's Background:

The trainer – Mr Harshit is a mechanical engineer currently working as a production engineer in vivo smart phones India Pvt. Ltd, Noida. He is also a consultant in drone industry and has rich experience in drone technology. He has been associated with many startups working in drone industry on projects like VTOL hybrid UAV systems, 3d mapping of terrains using drones, surveillance UAVs etc.



Mr. Harshit



IGDTUW Anveshan Foundation
(in association with GiZ India)



Implemented by
giz

is conducting a comprehensive workshop on
Fly High : DIY Drones using 3D Printing
Followed by a **DEMO DAY**

Program Includes

Detailed Training | Hands-on Workshop | Specialized Mentorship Sessions | Demo Day
Pre-incubation & Incubation facilities at Anveshan Foundation

Awards

Awards for First, Second and Third Positions (Rankers) | Also five consolation prizes

Important Dates

Program Duration: February 20 – March 27 2021 (40 hours)

Demo Day: March 27 2021 (Saturday)

Announcement of Result: March 27 2021

All the students will be awarded a 'Certificate of Participation'.
Award winning participants will be provided 'Certificate of Appreciation'

Any queries could be directed to Mr. Rahul Sachdeva, Dy. Manager; Email:- rahulsachdeva@igdtuw.ac.in

No Registration Fee | Registration Link:- <https://forms.gle/SAaCkfzAh92oJL1x7>

Website:- <http://www.anveshanfoundation.org> | University Website:- <http://www.igdtuw.ac.in>

The screenshot shows a Jamboard titled "Jamboard 1: Innovation" with a blue background. It contains several sticky notes with definitions and examples of innovation:

- Innovation flows from invention. Innovation is converting creative ideas into desired products like a...** (Yellow note)
- Thinking something out of the box - Komal Sangwan** (Pink note)
- Sukrtee Sharma: Innovation is creating something better out of something that already exists, like iPhone or notebooks from box like computers.** (Yellow note)
- Its a new idea usually in a tangible form. -Apoorva** (Pink note)
- A new and original idea of doing something -Preksha** (Green note)
- Innovation is a way to discover new ways and methods of doing something. -Ritika Pathwa** (Light blue note)
- practical implementation of our imagination -deepali** (Light green note)
- Introduction of something new -new idea ,new method or device. NISHU** (Yellow note)
- Shevika Sachdeva : INNOVATION is making use of already existing simple ideas to make something creative and useful. Often the source innovative ideas are visible but unnoticed.** (Yellow note)
- idea, creativity which can be used to design something useful. -NIDHI** (Yellow note)
- Innovation is something you innovate or create by using your own ideas and introducing new things Ritika** (Yellow note)
- Ideas that can revolutionize our life** (Yellow note)

At the top right, it says "2. Put your name" and "3. Define innovation". A video call window in the top right corner shows a participant named "Gar g Manorajha Sha...".

Handwritten signature

Types of UAVs



Fixed Wing Aircrafts



Multirotors



VTOL Hybrid Aircrafts

harshit batra