



IEM PUBLIC SCHOOL

NOTICE

Session: 2026-2027

Date: 14.05.2026

Ref. No. IEMPS/SL/NOTICE/2026-27/47

Subject: **Summer Camp on Drone Technology (Classes VI–XII)**

**Dear Parents (Classes VI–XII),
Greetings from IEM Public School!**

This is to inform you that the School proposes to introduce a **7-day Summer Camp on Drone Technology** for students of **Classes VI to XII**, in collaboration with IIT Kharagpur and Senrysa Technologies Limited.

The programme, titled “*HoverMethod Junior – Foundation in Drone Technology*”, aims to provide students with foundational knowledge of drone science, flight principles, hardware, navigation, safety, and practical applications.

Programme Highlights:

- Duration: **7 days (Online – Mandatory)**
- Timing: **2 hours per day (Live sessions)**
- Mode: **Online (Compulsory) + Optional Offline Practical Session**
- Certification provided upon completion
- Designed and delivered by IIT Kharagpur alumni

The detailed structure, fees, and curriculum are provided in the **attached brochure**.

Please note:

- Participation in the programme is **optional**.
- Students may choose either:
- Only Online Classes, or
- Online + Optional Offline Practical Session

The School will be sharing:

- A **hard copy of the parent consent letter** with all students of Classes VI–XII
- A **soft copy via the School WhatsApp groups** for parents

Parents are requested to go through the brochure carefully and submit their consent accordingly.

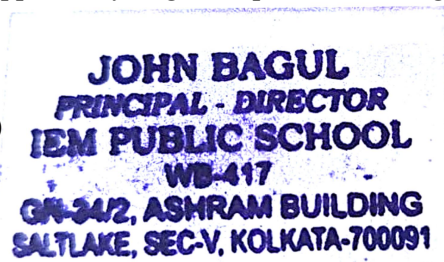
We encourage students to take advantage of this opportunity to gain exposure to emerging technologies.

Attachments:

- **Programme Brochure**
- **Parent Consent Letter (to be circulated)**

Thank you.

Mr. John Bagul
Principal-Director
IEM Public School, Salt Lake





Senrysa Center of Excellence (CoE)
IIT Kharagpur Research Park

Foundation in Drone Technology

7-Days Summer Camp Classes 6-12

Beginner Friendly Certificate

Designed by IIT Alumni Live Online



MRP ₹ 7999/-
₹ 2249/- +18% GST
Special Price for Institutions

** Ideal for Classes 8-12 | Beginner-friendly for Classes 6-7 with guided support

Live Online Sessions (May) - **18/19/20/21/22/25/26**
(June) - **8/9/10/11/12/15/16**

The schedule and venue for the optional hands-on training will be communicated later.

What Your Child Will Learn in 7 Days

Flight Science

- Four forces of flight
- Pitch, Roll, Yaw, Throttle
- Quadcopters stability
- Newton's laws applied

Drone Hardware

- Frame, Motors, ESC, Props
- LiPo batteries & safety
- Flight Controller (FC)
- GPS & sensor systems

Navigation & AI

- GPS, waypoints, flight modes
- Sensor fusion & PID loops
- DGCA rules & safety
- Simulator flying practice

Program Designed & Delivered by IIT Kharagpur Alumni



Soumyajyoti Basu

BE. & M.Tech. Aeronautical Engg, IIT KGP | IIM-C
IIT Kharagpur-trained aerospace professional.
Helps build a strong foundation in drone flight, system design, and aerial technology.



Dr. Manoj Sharma

PhD AI/ML & Computer Vision, IIT Kharagpur
AI & Computer Vision Head at Senrysa Center of Excellence (CoE), Expert in drone sensing, autonomy, and AI-driven flight systems.

- ✓ Live instructor-led sessions ✓ Flight simulator practice ✓ Drone science & hardware
- ✓ GPS & sensors ✓ Mission planning basics ✓ Completion certificate

HoverMethod Junior – Drone Online Foundation

7 Days x 2 Hrs Live Online

₹2249 +18% GST

CHOOSE ONE ADD-ON (HANDS-ON TRAINING)

MRP ~~2500~~ **₹1,249** + GST

Practical Camp – In Your City

3-hour hands-on session | Real drone hardware Setup | Guided by instructor

- How real drones are set up and prepared for flight
- Physical walkthrough of drone components and their roles
- Supervised hands-on orientation with real drone hardware
- Practical experience of flying

-OR-

MRP ~~6500~~ **₹3,249** + GST

At Senrysa CoE – IIT KGP Research Park

4-hour premium session | Senrysa Drone CoE | IIT Kharagpur Research Park Visit

- Premium guided practice at Senrysa's CoE at IIT Kharagpur Research Park at New Town, Kolkata
- Interaction with researchers and engineers working on UAV systems
- Hands-on training
- Aspirational exposure to drone R&D ecosystem



IEM PUBLIC SCHOOL



Senrysa Center of Excellence (CoE)
IIT Kharagpur Research Park

Complete Programme Details

<p>Day 1</p> <p>Welcome to the World of Drones</p> <ul style="list-style-type: none"> • Introduction to drones and UAVs • India's drone policy basics • Multirotor, fixed-wing, hybrid VTOL • Uses across many industries 	<p>Day 2</p> <p>How Drones Fly</p> <ul style="list-style-type: none"> • Four forces of flight • Lift, thrust, drag, weight • Newton's laws and propellers • Pitch, roll, yaw, throttle
<p>Day 3</p> <p>Inside the Drone</p> <ul style="list-style-type: none"> • Frame, motors, KV rating • ESC and power system basics • Propellers and LiPo batteries • Flight controller and PID basics 	<p>Day 4</p> <p>Navigation and Autonomy</p> <ul style="list-style-type: none"> • How GPS works in drones • Satellites, triangulation, positioning basics • Common drone flight modes • Waypoints, geofencing, auto missions
<p>Day 5</p> <p>Safety and Rules</p> <ul style="list-style-type: none"> • DGCA drone rules overview • Green, yellow, red zones • Pre-flight safety checklist basics • Emergency handling and precautions 	<p>Day 6</p> <p>Simulator Flying Basics</p> <ul style="list-style-type: none"> • Introduction to drone simulators • Hovering and balance control • Lateral movement and turning • Safe practice before real flight
<p>Day 7</p> <p>Careers and Practical Briefing</p> <ul style="list-style-type: none"> • India's growing drone industry • Career paths in drone technology • Expert interaction and future scope • Day 8 practical session briefing 	<p>Final Day</p> <p>Hands-On Practical Camp</p> <ul style="list-style-type: none"> ✓ Unbox your real drone ✓ Assemble & wire components ✓ Calibrate & pre-flight check ✓ Fly what you built!

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 IIT Kharagpur Research Park
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 Kolkata - 700 160
 Tel : +91 9147109949
 E-Mail: info@hovermethod.in

ONLINE SPECIAL PRICE CODE
FIDT2026



OFFLINE REGISTRATION (JUNIOR - DRONE ONLINE FOUNDATION)

School Name _____

Student Name _____ Class/Section _____

Mobile Number _____ Session : May / June

Chose your option (HoverMethod Junior - 7 Days Drone Online Foundation)

Select any one Add-on

Cheque in Favour of Senrysa Technologies Limited

- | | | |
|---|--------------------|----------------|
| <input type="checkbox"/> Practical Camp — In Your City
(₹2249 + ₹1249) + 18% GST |
₹4128/- | |
| <input type="checkbox"/> Senrysa CoE — IIT KGP Research Park
(₹2249 + ₹3249) + 18% GST | | ₹6488/- |
| <input type="checkbox"/> Only Online Course (₹2249 + 18% GST) | | ₹2654/- |

Batch dates, session slots & hands-on training details will be intimated via WhatsApp to the registered candidate's number. Practical Camp and CoE Experience are optional paid add-ons, not included in the base programme fee. Senrysa CoE sessions at IIT KGP Research Park, Rajarhat, Kolkata are subject to availability; pre-appointment mandatory. Travel at student's own cost.



IEM PUBLIC SCHOOL



Industry Collaboration Partner

To

The Principal / Head of Institution
Garia Vidyabhavana South

Subject: Request to Promote HoverMethod Junior – Foundation in Drone Technology

Dear Sir / Madam,

We are pleased to introduce Senrysa Technologies Limited, a technology-driven company engaged in innovation-led programmes and emerging technology initiatives. We are also associated with IIT Kharagpur as an Industrial Collaboration Partner for joint courses and training programmes for school, graduate, and postgraduate levels.

As part of this initiative, we are launching HoverMethod Junior – Foundation in Drone Technology, a 7-day summer camp in hybrid format for students from Class 7 onwards. The programme is designed to build early understanding of drone technology, including flight science, drone hardware, navigation, safety, and practical applications, and is designed and delivered by highly experienced IIT Kharagpur alumni.

We believe that introducing drone technology at the school stage is highly relevant, as drones are increasingly being used across agriculture, logistics, mapping, infrastructure, surveillance, defence, and many other sectors. Early exposure helps students develop scientific curiosity, practical understanding, and interest in future technologies.

We request your good institution to kindly promote this programme among your students. We are extending a special price for students of your school, as our direct online price is higher. Further, if more than 100 students are enrolled from your school, we can also arrange the practical hands-on session at the school campus itself.

We shall be happy to connect you in person and discuss the programme in detail at your convenience. For your ready reference, we are also pleased to inform you that we support institutions in setting up Drone Labs for structured long-term learning.

Yours faithfully,

For Senrysa Technologies Limited

Senrysa Technologies Limited

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