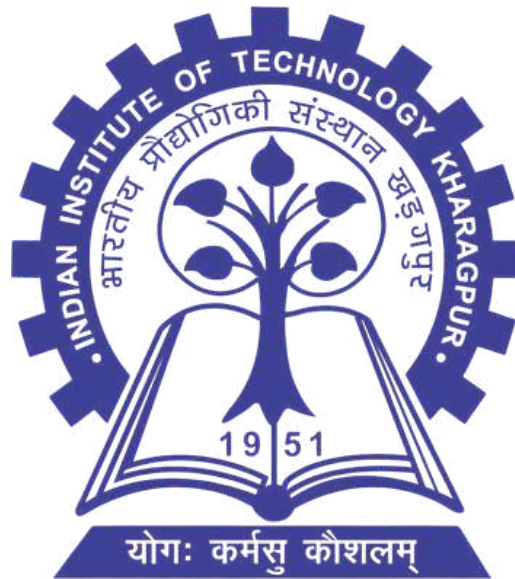


IIT KHARAGPUR AEROROTORS DRONE ACADEMY



INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR

CONTINUING EDUCATION PROGRAM (CEP)



Website: www.aerorotorsindia.com



ABOUT US



The IIT Kharagpur Aerorotors Drone Academy is a joint initiative of the Indian Institute of Technology Kharagpur and Aerorotors Aircrafts Research & Development Private Limited, a deep-tech aerospace company of IIT Kharagpur. The Academy has been established with a vision to develop a highly skilled workforce that will drive India's rapidly expanding drone industry while contributing to the global UAV ecosystem.

With over a decade of expertise in the research, design, development, and application of Unmanned Aerial Vehicles (UAVs), Aerorotors brings invaluable industry experience into the classroom. By combining IIT Kharagpur's academic excellence with Aerorotors' practical knowledge and innovation, the Academy offers a unique learning environment where theory meets real-world application.

Our industry-oriented curriculum is designed to equip students, professionals, entrepreneurs, government personnel, and aspiring drone pilots with the technical knowledge and practical skills required to excel in the UAV sector. The Academy offers specialized training in drone technology, UAV design and development, drone operations, maintenance, mission planning, surveying, mapping, precision agriculture, inspection, aerial cinematography, industrial applications, and regulatory compliance. As the Academy expands, DGCA-certified training programmes will further strengthen career opportunities in the rapidly growing drone industry.

The IIT Kharagpur Aerorotors Drone Academy is committed to supporting the national vision of Atmanirbhar Bharat and Viksit Bharat by fostering innovation, promoting indigenous drone technologies, and creating a pool of globally competent drone professionals. Through quality education, research, and industry collaboration, the Academy aims to become a leading centre of excellence in drone technology and UAV education, empowering individuals to shape the future of unmanned aviation.



OUR MISSION



At IIT Kharagpur Aerorotors Drone Academy, our mission is to develop highly skilled, responsible, and industry-ready drone professionals through world-class training, practical exposure, and innovation-driven learning. We are committed to delivering UAV Training programs that combine technical excellence with real-world UAV applications across civil, industrial, and defence sectors.

Through continuous research, advanced infrastructure, and hands-on experience, we aim to bridge the gap between academia and industry while fostering a culture of safety, precision, and technological leadership. Our goal is to contribute to India's vision of Atmanirbhar Bharat by empowering the next generation with indigenous drone expertise and capabilities.



The First Batch of IIT Kharagpur Aerorotors Drone Academy June -July 2026

IIT KHARAGPUR AEROROTORS DRONE ACADEMY



OUR COURSES



BASIC COURSE ON UAV TECHNOLOGY

COURSE CURRICULUM

- 1. Fundamentals of Aerodynamics**
- 2. Aerodynamics Laboratory: Lift, Drag & Stability Analysis**
- 3. Mission Planning, Practical Flight Operations & Aviation Safety**
- 4. National & International UAV Regulations**
- 5. UAV Assembly, Integration, Calibration & Preventive Maintenance**
- 6. Fixed-Wing, Multicopter & Hybrid UAV Systems**
- 7. Aviation Meteorology, Airspace Classification & Flight Simulation**
- 8. Supersonic Laboratory**
- 9. Comprehensive Theory Assessment & IIT Kharagpur Campus Experience**
- 10. Certification Ceremony, Technical Demonstration & Industry Interaction**



CAREER



Global Career Opportunities in the UAV Industry

The Unmanned Aerial Vehicle (UAV) industry has rapidly evolved into a high-growth global sector, creating exciting career opportunities across technology, operations, and services. With increasing adoption of drones in industries such as agriculture, infrastructure, logistics, media, defence, and disaster management, the demand for skilled UAV professionals is rising worldwide. Career options in this field extend far beyond drone piloting. UAV pilots are involved in aerial photography, surveying, inspection, and surveillance operations. At the same time, engineers and developers are driving innovation in drone design, artificial intelligence, and autonomous systems. Data analysts and GIS specialists play a critical role in converting aerial data into valuable insights, while maintenance technicians and fleet managers ensure smooth and efficient drone operations.

Industries across the globe are leveraging drone technology for faster, safer, and more cost-effective solutions. From monitoring crops and inspecting infrastructure to enabling last-mile delivery and emergency response, UAVs are transforming traditional workflows and creating new job roles.

Looking ahead, the future of the UAV industry is centered around automation, smart mobility, and advanced airspace management. Emerging roles such as drone swarm specialists, urban air mobility experts, and autonomous system supervisors are expected to redefine the workforce.

With opportunities in both private and government sectors, as well as strong potential for entrepreneurship, the UAV industry offers a dynamic and future-ready career path. For aspiring professionals, gaining the right training and certification today can open doors to a global career in one of the world's most innovative and rapidly expanding industries.



THEORY SESSION





AERODYNAMICS LAB





FIRST BATCH OF IIT KHARAGPUR AEROROTORS DRONE ACADEMY JUNE -JULY 2026





SIMULATOR TRAINING





PRACTICAL TRAINING





GALLERY





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Chief Technical Adviser

Principal Scientific Adviser Fellow to the
Government of India
Former Chief of Research & Development, DRDO
President, Global Association for Training,
Research & Education



Air Vice Marshal A.K. Bhattacharya, AVSM, VSM (Retd.)

Indian Air Force
Former Head of Mechanical Engineering, Air
Force Technical College, Bangalore
Awarded Twice by the President of India (2007 &
2016)



BOARD OF DIRECTORS



Bebeto Ally

Founder Chairman & Managing Director

M.Tech. in Advanced Robotics & Mechatronics from the European Center of Mechatronics, Aachen, Germany.

Innovator of India's First Firefighter Drone and Incubatee of IIT Kharagpur. Recognised Innovator by the Department of Scientific & Industrial Research (DSIR), Government of India.

More than a decade of experience in Research & Development of UAVs.



Minara Begum

(NIS Retd.)

Co-Chairperson

Retired Chief Coach, Sports Authority of India
Ministry of Youth Affairs & Sports, Government of India
Coach of the India Team
Represented as Coach in multiple Commonwealth Games, Asian Games, and World Championships
Kriya Guru Awardee & State Awardee



Prof. Dr. Basab Chakraborty
Mentor

Managing Director, STEP, IIT Kharagpur
Chairman, Manekshaw Center of Excellence, IIT Kharagpur



Kapil Kaul
Vice Chairman

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Honorary Consulate of Mauritius
Founder of Ethreetech India
Chairman, US Global Business Forum, Los Angeles (LA)

Website: www.aerorotorsindia.com



OUR FACILITY



Class Room



Practical Facility



Drone Lab



Manufacturing Facility



IIT KHARAGPUR AEROROTOR DRONE ACADEMY



COURSE FEE BREAKUP

BASIC COURSE ON DRONE TECHNOLOGY

**Course Fee with accommodation :
34,140/-**

**Course Fee without accommodation :
30,000/-**

Note : Accommodation will be provided without fooding expenses



OUR OFFICE



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STEP Gopali Facility Shed No. 2
Kharagpur, West Bengal – 721145
Email: admin@aerorotorsindia.com

Admission Office

Contact: [+91 8945092992](tel:+918945092992)

Time 10AM-6PM



Website: www.aerorotorsindia.com