GAEKWAD AEROSPACE & DRONES ACADEMY LLP

Take your drone piloting skills to the next level with our comprehensive drone pilot training course

Enroll Now

Gaekwad Aerospace & Drones Academy is a leading drone training institute that specialises in providing comprehensive training programs for aspiring drone pilots. Situated in a state-of-the-art facility, the institute offers a conducive learning environment equipped with cutting-edge technology and experienced instructors. As a result, students receive hands-on training and Theoretical knowledge to become skilled and responsible drone pilots.
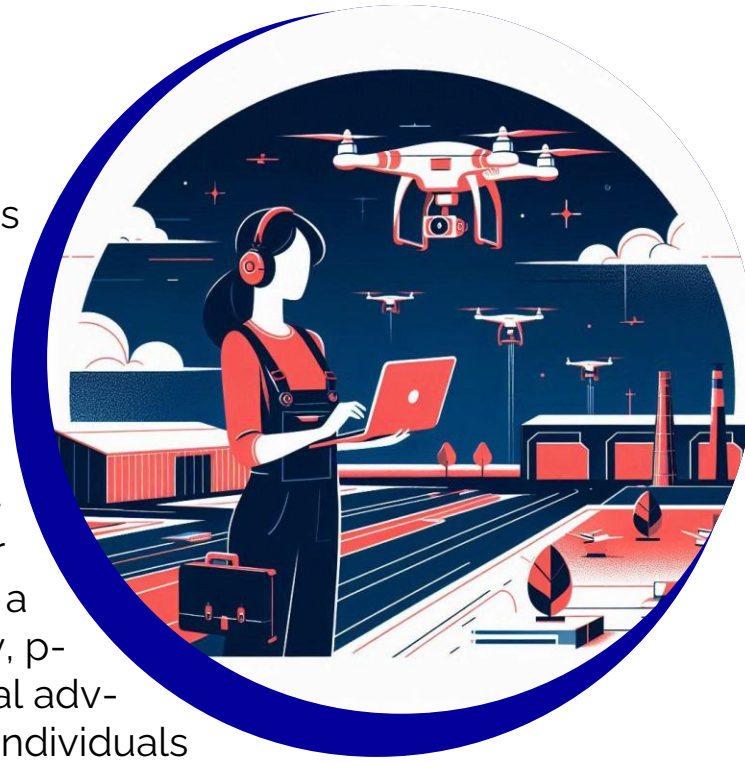
The instructors at Gaekwad Aerospace & Drones Academy are highly skilled professionals with extensive experience in the field of drones. They not only possess the technical expertise but also have a passion for teaching and mentoring. They provide personalised attention to each student, ensuring that they grasp the concepts and master the skills necessary to become competent drone pilots.

In conclusion, Gaekwad Aerospace & Drones Academy stands as a premier drone training institute that provides DGCA certified drone pilot training. With its state of- the-art facilities, experienced instructors, comprehensive curriculum, and commitment to safety and professionalism, Gaekwad Aerospace & Drones Academy is a top choice for individuals seeking to become skilled and certified drone pilots. By equipping its students with the necessary knowledge and skills, Gaekwad Aerospace & Drones Academy is playing a vital role in shaping the future of the drone industry in India and beyond.

Vision:

At Gaekwad Aerospace & Drones Academy LLP. Our vision is to pioneer the future of unmaned aviation through cutting edge training and education. We aspire to be the forefront Remote Pilot Training Organisation (RPT-O), setting industry standards for excellence and innovation. With a relentless commitment to safety, professionalism, and technological advancement, we aim to empower individuals to become skilled and responsible drone pilots, shaping a world where unmanned systems redefine possibilities.

Mission:

Our mission at Gaekwad Aerospace & Drones Academy is to provide premier remote pilot training that exceeds expectations and transforms aspiring drone enthusiasts into proficient professionals. We are dedicated to:

Excellence in Education: We offer comprehensive and government-approved Remote Pilot Certificate training that equips our students with the knowledge, skills, and mindset needed to excel in the dynamic field of unmanned aviation.

Safety First: Safety is at the core of everything we do. Our rigorous training programs instill a strong culture of safety, ensuring that every pilot understands and follows the highest standards to prevent accidents and incidents.

Innovation: We embrace technological advancements and stay at the forefront of industry developments. Our training programs incorporate the latest drone technologies, preparing our students for the ever-evolving landscape of unmanned aviation.

Professionalism: We foster a culture of professionalism, integrity, and ethical conduct. Our graduates are not only skilled pilots but also ambassadors of responsible and ethical drone operations.

Community Engagement: We actively engage with the drone community, promoting knowledge sharing, collaboration, and networking. We believe that a strong community contributes to the growth and positive impact of unmanned aviation.

Customised Learning: Recognising that each student has unique learning needs, we offer personalised training approaches that cater to different backgrounds and learning styles, ensuring an optimal educational experience.

Global Impact: As a leading RPTO, we aim to contribute to the global advancement of unmanned aviation. Our graduates will play pivotal roles in various industries, ranging from aerial inspections, Agriculture and Environmental Monitoring to Search and Rescue Operations.

Continuous Growth: We are committed to continuous improvement. We constantly evaluate and enhance our training methodologies, curriculum, and instructional techniques to provide the best learning outcomes for our students.

At Gaekwad Aerospace & Drones Academy LLP, we are more than a training organization; we are a gateway to endless possibilities in the world of unmanned aviation. Join us in shaping the future of aviation through excellence, innovation, and responsible drone operations.
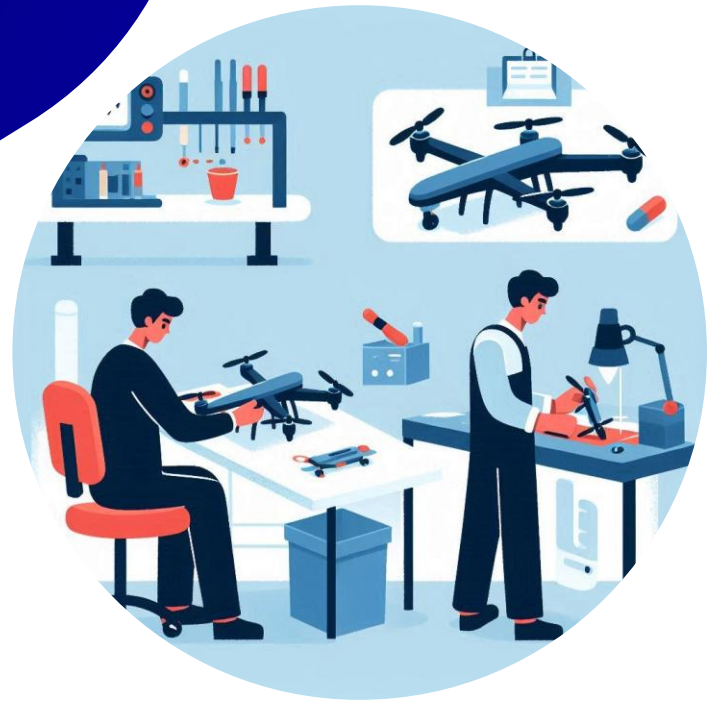
What You Get ?

✓ Remote Pilot Certificate Issued by DGCA, Gov. of India

✓ Course Completion Certificate

✓ Drone Pilot Logbook

Why Choose us ?

✓ **DGCA approved Remote Pilot Training Organisation**
We are approved RPTO by DGCA to offer Remote Pilot Certification Trainings under Drone Rules – 2021
DGCA Approved Drone Instructors.

✓ **DGCA Remote Pilot Certified**
We are Providing DGCA approved Remote Pilot Certificate which will be DGCA Approved Certificate, as per Drone Rules – 2021.

✓ **Best Flight Simulators**
We provide training on state-of-the-art Drone Simulator.

✓ **DGCA Approved Instructors**
The DGCA approved and highly qualified Instructors offering 1 to 1 flying training for individual attentions.

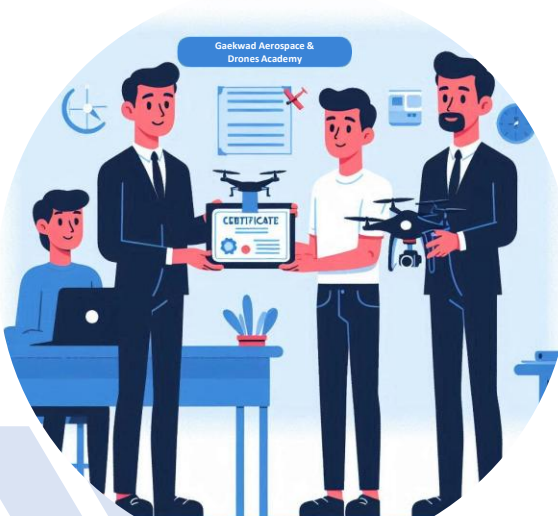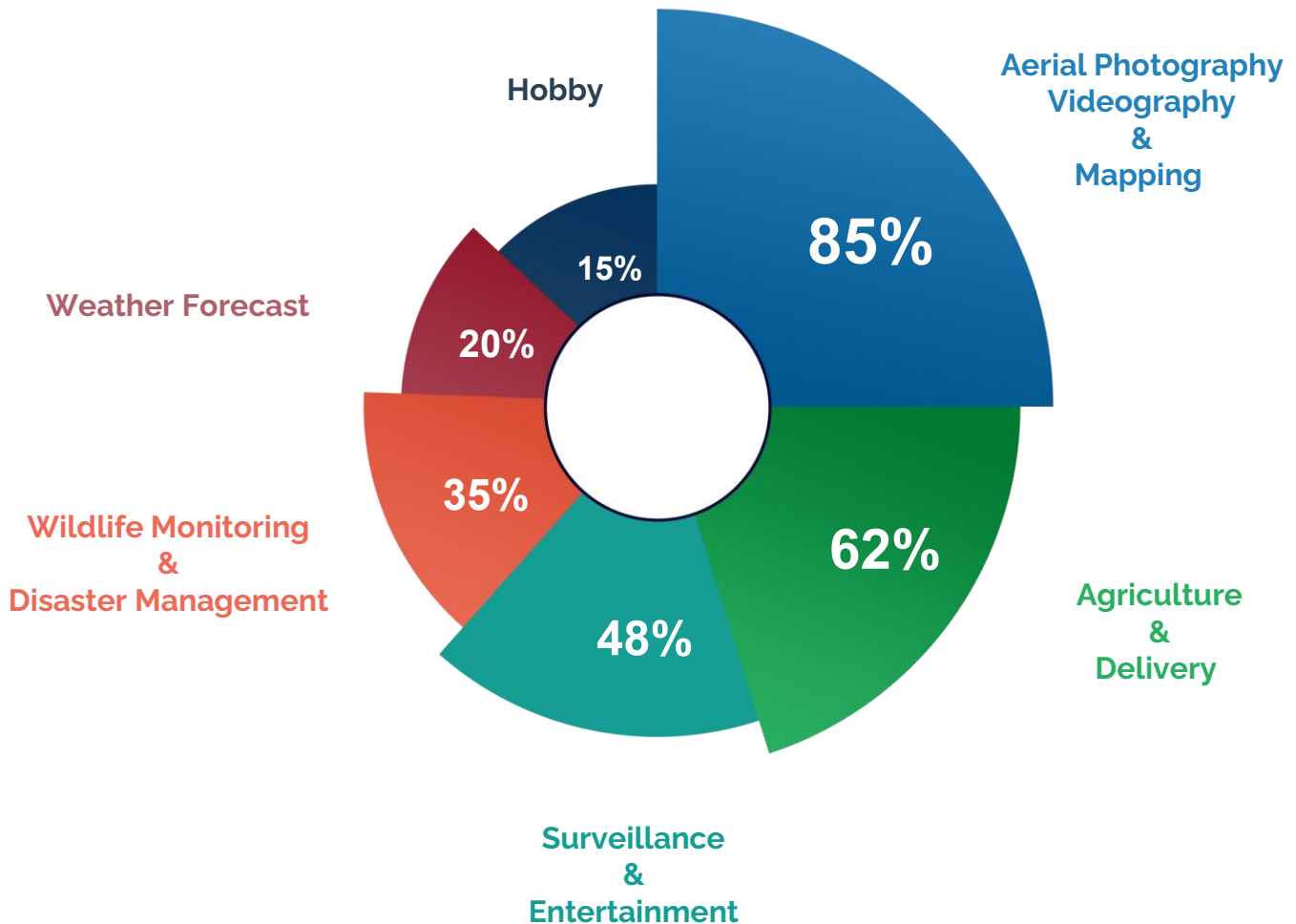# A Comprehensive Overview of the Project Objectives

Introduction

Gaekwad Aerospace & Drones Academy is a leading provider of professional drone pilot training courses. Our courses are designed to give aspiring pilot and experienced professionals the skills and knowledge they need to operate drones safely and effectively. Our courses are certified by Directorate General of Civil Aviation (DGCA). Our courses are designed to cover all aspects of operating drones, including basic and advanced flying techniques, mission planning, airspace regulations, and safety protocols. Our staff is highly trained and experienced in drone operations, and will provide you with the support you need to become a successful drone pilot.

Program Objectives

DGCA Certified Drone Pilot Training Program will be designed to provide students with a comprehensive understanding of the principles and best practices associated with the operation of drones. Through this program, students will gain the knowledge and experience necessary to safely and legally operate drones for recreational, commercial, and/or research purposes.

The Scope & Application of Drones

Hobby

Aerial Photography Videography & Mapping

85%

Weather Forecast

15%

20%

Wildlife Monitoring & Disaster Management

35%

62%

48%

Agriculture & Delivery

Surveillance & Entertainment

Drone technology can be used for a variety of purposes to help improve the quality of life. From providing medical assistance to delivering food to remote areas, drones can help make the world a better place. Drones can be used to help with disaster relief efforts by quickly delivering aid to affected areas. They can also be used to monitor crops, monitor wildlife, and inspect infrastructure. Additionally, they can be used to provide aerial surveillance, take aerial photos and videos, and even deliver goods to customers etc. Drone technology is a powerful tool that can be used to help make life easier and more efficient.

Drone flying under SVAMITVA takes off

TNN | Jan 3, 2022, 12.39 PM IST

GANDHINAGAR: The central government informed the parliament in the recently concluded winter session that the Survey of Villages and Mapping with Improvised Technology in Village Areas (SVAMITVA) scheme has taken off in Gujarat, but no property cards have been issued to farmers yet.

Replying to an unstared question raised by member of parliament, Rajyavardhan Rathore, panchayati raj minister, Kapil Moreshwar Patil informed in the Lok Sabha that drone flying has been completed in 103 villages of Gujarat, but no further action has been initiated.

Drones capture the land area and maps are made which are handed over to the state, which sends these back to the union government after verification. Following this, property cards are issued and distributed to persons residing in villages. It may be said that as of September 2021, drone flying activity had not been taken up in the state under the scheme.

According to the schedule prepared by the union panchayati raj ministry, 1,000 villages of Gujarat have to be covered under the SVAMITVA scheme by 2021-22, 8,510 villages have to be covered in 2022-23 and 9,505 villages have to be covered in the year 2023-24. Against a target of 1,000 villages, drone flying has been undertaken in only 103 villages of the state so far in this financial year.

Ministry of panchayati raj (MoPR) is implementing the SVAMITVA scheme with the aim to provide the 'Record of Rights' to village household owners possessing houses in inhabited areas in villages. Legal ownership rights (property cards/title deeds) are

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10 May 2022
India needs around 1 lakh drone pilots: Jyotiraditya Scindia
India will need approximately one lakh drone pilots in the coming years Someone who has passed the Class-XII exam can be trained as a drone pilot After 2-3 months of training, the monthly salary of the drone pilot would be around Rs 30,000

Drones can boost India's GDP by up to 1.5%, address challenges for the country's key agriculture sector
While emerging fourth industrial revolution technologies can play a role in addressing these challenges. WEF cited a Ministry of Electronics and Information Technology (MeitY) report that highlighted that digital tech-based agriculture can unlock further value of $65 billion by 2025. The gross domestic product (GDP) impact of digital agriculture will be even larger.
18 Oct, 2022, 05.10 PM IST

Is drone delivery the future of logistics?
To tackle the inefficiencies in last-mile logistics, a growing number of logistics stakeholders are turning to drone technology as it can control operational costs, overcome traffic bottlenecks and reduce vehicular emissions while satisfying the customer appetite for on-demand and instant delivery.
07 Nov, 2022, 09.58 AM IST

Uttarakhand: Central govt working towards use of drones for delivery of materials in mountain areas, says PM Modi
21 Oct, 2022, 10.36 PM IST

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64996.60 +110.09   19306.05 +40.25   5489.55 +54.75   38662.15 +190.90   44494.65 +263.20   Heatmap

Home / Economy / News / Govt to provide drone training to 15,000 women led-SHGs, says PM Modi

Govt to provide drone training to 15,000 women led-SHGs, says PM Modi

The one thing that will take the country forward is women-led development, he said

Prime Minister Narendra Modi

Sanjeeb Mukherjee | New Delhi

3 min read Last Updated : Aug 15 2023 | 11:21 PM IST

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Home / Business / Government To Provide Agri-Drones To 15,000 Women SHGs Under Upcoming Scheme: Prime Minister Modi

Government To Provide Agri-Drones To 15,000 Women SHGs Under Upcoming Scheme: Prime Minister Modi

The PM stated that the project will help the groups by providing agri-drones and will also provide them training to fly and repair the unmanned aerial vehicles.

By: ABP News Bureau | Updated at : 15 Aug 2023 01:55 PM (IST)

The government is looking at projects and plans to encourage and promote the use of technology in the agriculture sector and enhance 'agritech'. (Image Source : PTI)

Under the new Drone Rules 2021 Remote Pilot Certificate is Mandatory for commercial flying in India.

Prior to registering for Remote Pilot Training, please ensure that you have successfully completed 100% of your profile on the Digital Sky platform using the Form D-4 Application for Remote Pilot Certificate.

Eligibility Criteria

10th Pass
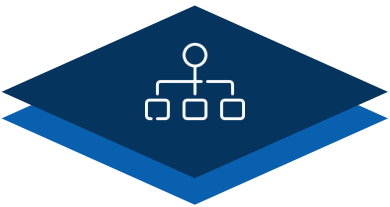18 - 65 years of age

Type of Training

Class: Small
Category: Rotorcraft,
Cat 1 [VLOS, VTOL]

Required Documents

-Aadhar Card
-Passport
-10th Certificate/ Mark sheet
- Certificate of Medical Fitness
-4 Passport Size Photo (W/B)
-Registration Form
Mobile Number and Email ID should be linked from Aadhar

Course Structure

Theory Classes
[Online & Offline]: 02 Days
Simulator, Assembly &
Practical Flying
[At Flying Site]: 03 Days

Training Location

D-97, First Floor,
Sector 63 Noida Uttar
Pradesh- 201301

DGCA CERTIFIED TRAINING CURRICULUM

GROUND SCHOOL : ONLINE & OFFLINE

DAY 1

- UAS Rules & Regulation
- Basic Principles of Flight
- ATC Procedures & Radio Telephony
- Fixed-Wing Operations & Aerodynamics
- Multi-Rotor Operations & Aerodynamics

DAY 2

- Weather and Meteorology
- Drone Equipment & Maintenance
- Emergency Handling
- Payload, Installation & Utilisation
- Image and Video Interpretation
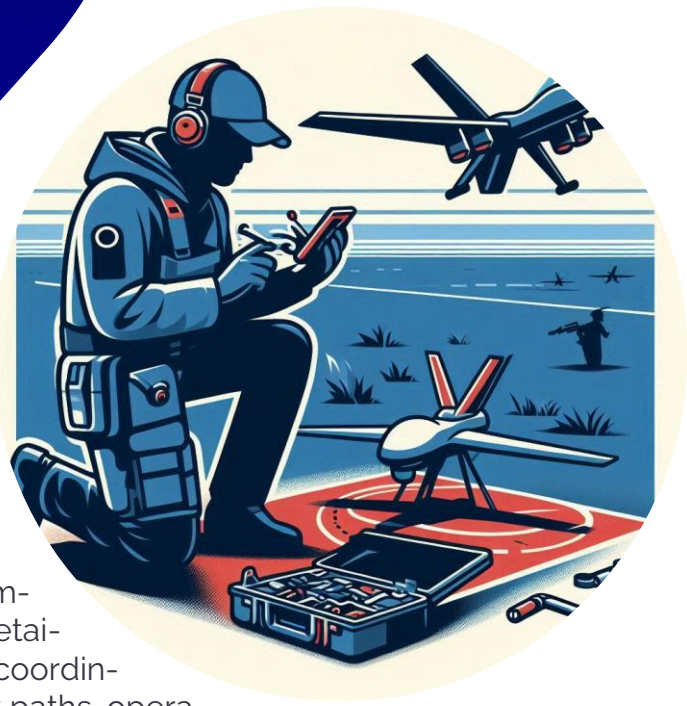
FLYING & SIM SESSIONS: AT TRAINING SITE

DAY 3

- Theory Exam
- Basic Flight Simulator Training
- Advance Flight Sim Sessions & Sim Check
- Assemble Your Own Drone
- Practical Flying with Instructor

DAY 4 & 5

- Introduction to NPNT & Digital Sky Fam
- RPAS Familiarisation
- Dual Flying of RPAS with Instructor
- Solo Flying
- Flight Logging
- Final Skill Test

Drone Forensic

Our organization also specializes in Drone Forensics, offering comprehensive services to analyze and extract critical data from unmanned aerial vehicles (UAVs). We provide detailed investigations into flight data logs, GPS coordinates, and sensor outputs to determine flight paths, operational history, and potential tampering. Our forensic analysis includes examining physical components for evidence of tampering, malware, or cyber intrusions. Additionally, we utilize advanced software tools to reconstruct flight scenarios and identify anomalies or unauthorized activities. Our services support various applications, including incident investigation, regulatory compliance, and intelligence gathering, ensuring precise and actionable insights to enhance security and operational integrity.

Forensic experts analyze onboard storage, remote controllers, cloud data, and associated mobile applications to reconstruct flight paths and identify operators. Drone forensics plays a crucial role in law enforcement, military intelligence, and corporate security by providing evidence in cases of illegal drone usage, smuggling, espionage, and airspace violations.

Objectives

1. To educate participants on drone forensics, including data extraction, analysis, and cyber-security aspects.
2. To create career and research opportunities for students in the drone industry and forensic science.
3. A thorough examination of introduction of drone and forensic methods in drone technology

The course includes

1. Drone Fundamentals
2. Drone data collection technique
3. Data extraction technique
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FEES & VALIDITY

RPC Course Fees
(Industry & Individuals)

Rs. 55,000 + **18%GST**

Course Fees
(Government Agencies)

Rs. 50,000 + 18%GST

❨Additionally, the fees of RPC do not cover food and accommodation expenses during the course.❩

DGCA-Approved Remote
Pilot Certificate Validity

**Maximum of 10 years under
Drone Rules 2021**

Passport is mandatory for issuance of Online Remote Pilot Certificate
through DGCA's Digital Sky Platform

Contact Us

Thank you for your interest! If you have any questions or concerns,
please don't hesitate to reach out to us anytime.
We look forward to hearing from you!

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