DGCA-Approved Remote Pilot Training Begins at IIDT Dodi

IIDT Dodi Opens New Pathways for Certified Drone Careers in India

New Delhi, Delhi Dec 17, 2025 (Issuewire.com) - Prakhar Software Solutions Limited, in collaboration with the Indian Institute of Drone Technology, has launched DGCA-approved Remote Pilot Training at IIDT Dodi to strengthen India's certified drone workforce. The launch marks a significant step toward strengthening India's regulated drone training infrastructure and creating a skilled, compliant remote pilot workforce aligned with national aviation standards.

The training program is approved under the Directorate General of Civil Aviation framework for Remote Pilot Training Organizations and is designed to meet the operational, safety, and regulatory requirements mandated for civil drone operations in India. The IIDT Dodi campus has been developed as a dedicated training environment to support structured learning, controlled flight operations, and standardized assessment.

Key Highlights

- DGCA-Approved Remote Pilot Training launched at IIDT Dodi.
- Training aligned with national aviation safety and compliance frameworks.
- Focus on employability, operational readiness, and industry demand.

Building a Regulated Drone Training Ecosystem

India's drone sector has moved rapidly from experimental adoption to regulated commercial deployment. Drones are now routinely used in:

- Land surveying
- Infrastructure inspection
- Agriculture monitoring
- Mining
- Disaster response
- Public-sector projects

As applications expand, regulatory compliance and pilot competency have become central concerns for both government authorities and private enterprises.

The newly launched RPTO at IIDT Dodi addresses these requirements by offering a structured RPTO Course that integrates classroom instruction, simulator exposure, and supervised field operations. The curriculum is aligned with DGCA guidelines and focuses on aviation regulations, airspace awareness, meteorology, navigation principles, emergency procedures, and operational safety protocols.

According to industry estimates, certified pilot availability remains one of the biggest constraints in scaling drone-based projects. Multiple infrastructure and geospatial firms report delays in project execution due to limited access to trained and licensed pilots. Regulated training programs are therefore emerging as a critical enabler for industry growth.

Strategic Collaboration Between Technology and Training

Prakhar Software Solutions Limited brings its experience in technology systems, operational

frameworks, and enterprise process design to the collaboration. IIDT contributes its domain specialization in unmanned aerial systems training and field-based skill development. Together, the two organizations aim to bridge the gap between certification and real-world operational readiness.

A senior representative from Prakhar Software Solutions Limited stated, “The drone industry cannot mature without disciplined training systems. Compliance, safety, and operational consistency are non-negotiable when drones are deployed at scale. Our commitment to building capability that industry and regulators can trust.”

IIDT leadership emphasized the importance of location-specific training. “IIDT has been developed to provide realistic operating conditions while maintaining regulatory control. Trainees learn to manage terrain, weather variables, and mission planning challenges that mirror real deployments,” said an IIDT official.

Why RPTO Matters for India’s Drone Future?

Remote Pilot Training Organizations play a foundational role in India’s aviation safety architecture. DGCA-approved RPTOs ensure that pilots are trained under standardized processes, evaluated through defined competency benchmarks, and certified only after meeting safety and compliance thresholds.

Data from aviation safety studies shows that structured pilot training significantly reduces incident rates during commercial UAV operations.

Standardized pre-flight checks, airspace awareness, and emergency response training contribute to safer missions and lower operational risk. For employers, hiring DGCA-certified pilots reduces regulatory exposure and improves project reliability.

The RPTO framework also supports workforce mobility. Certified pilots can be deployed across sectors without retraining on basic compliance, allowing organizations to focus on application-specific skills such as:

- Mapping
- Inspection
- Data analysis

Aligning Training With Industry Hiring Needs

The demand for drone talent is evolving beyond basic piloting. Employers increasingly look for professionals who understand compliance documentation, mission logging, asset safety, and operational accountability.

Training delivered through RPTOs supports these expectations by embedding discipline and process awareness into early skill development.

The program at IIDT Dodi is positioned to serve as an entry point into broader Professional Drone Courses in India, enabling learners to progress into advanced operational and supervisory roles as the industry matures. This aligns with emerging hiring frameworks where certified pilots form the foundation of larger drone operations teams.

Structured Training with Measurable Outcomes

The DGCA-approved RPTO program at IIDT Dodi spans 20 days and employs a hybrid delivery model: 15 days of online learning, 4 days of practical flying, and 1 final assessment day.

The format is designed to balance theoretical grounding with immersive flight skills development. On successful completion, trainees earn a DGCA-certified Remote Pilot Certificate, enabling legal operation of drones for commercial purposes upon registration with the DGCA's Digital Sky platform.

Course modules include:

- Aviation laws, drone regulations, and DGCA guidelines
- Aircraft systems and hardware fundamentals
- Flight operations and simulation training
- Manual and automated flying techniques
- Application-specific insights (agriculture, mapping, infrastructure inspection)
- Safety protocols and emergency handling
- Final pilot assessment and certification process

The structured program at IIDT Dodi is expected to serve as a benchmark for pilot training quality and compliance, supporting long-term growth strategies for both organizations and strengthening India's talent pipeline for advanced UAV operations.

For media queries or institutional collaborations,

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