



# PIEFLY AEROSPACE

*Innovational Voyage*



# Welcome

## TO OUR COMPANY

**PIEFLY Aerospace is pioneering the future of aerial solutions through advanced drone technology. As leaders in drone R&D in India, we focus on integrating aerodynamics, autonomous navigation, and modular payloads for efficient, reliable solutions. Our drones utilize AI and machine learning for real-time decision-making and obstacle avoidance, optimizing performance in complex environments. Robust data analytics convert aerial data into actionable insights, enhancing operational efficiency for clients. We are passionate about transforming possibilities across various sectors, including agriculture and logistics. Explore how our innovations are reshaping drone applications for the future.**



# A b o u t **O U R C O M P A N Y**

## **Piefly Aerospace**

**At PIEFLY Aerospace, we are revolutionizing industries with advanced drone technology. Our commitment to innovation and engineering excellence positions us as a leader in India's drone R&D landscape. By integrating cutting-edge advancements such as aerodynamics, AI-driven autonomous systems, and customizable payloads, we enhance the performance and versatility of our solutions. Our passion for redefining possibilities drives transformative applications across sectors like precision agriculture, infrastructure inspection, logistics, and disaster response. As we advance drone capabilities, we are dedicated to shaping a smarter, more efficient future in aerial solutions.**

# COMPANY

**At PIEFLY AEROSPACE and PIEFLY AVIATION, our vision**

**To be a global leader in UAV technology, providing innovative drone solutions that transform the drone industry.**





# COMPANY

**Our mission is To revolutionize industries with innovative drone technologies, delivering advanced solutions for agriculture, inspection, disaster management, defense, and sustainability, while empowering communities through education, training, and accessible UAV services.**



# QUALITY POLICY & QUALITY OBJECTIVES

At Piefly Aerospace, we are committed to delivering exceptional quality in drone technology and services.

- 1.Customer Satisfaction:** Deliver drone solutions that meet industry standards.
- 2.Safety & Compliance:** Ensure strict adherence to safety protocols and regulations.
- 3.Continuous Innovation:** Improve technology and services through ongoing research.
- 4.Employee Development:** Enhance skills and expertise through training.
- 5.Sustainability:** Promote eco-friendly and sustainable UAV solutions.

# MILESTONE



**PIEFLY AEROSPACE & PIEFLY AVIATION are  
founded by bunch of aeronautical engineers with the vision to revolutionize aerial technology.**



## 2020

- Piefly Aerospace, a DPIIT recognized startup by the government of India, is incorporated and established at the Centre of Excellence in the MITE campus Mangalore, by the students of 2nd year Aeronautical Department.

## 2021

- Venturing into uncharted territory, we spearheaded across the country inaugural foray into agricultural drone spraying, sales, manufacturing, services, and cutting-edge research and development. Our pioneering efforts have seen the deployment of hundreds of drones across the country, effectively covering over thousands of hectares of land.

## 2022

- We collaborated with the Agriculture Department of Karnataka as a drone technology service provider, working with KVKs, ICAR, GKVK Bangalore, and the University of Agricultural Sciences. Additionally, we partnered with the Department of Forests and the Gravity Science Foundation. Our work involved conducting surveys and mapping across various sectors.



2023

- We established our own RPTO in Mysore and collaborated with engineering institutions across Karnataka. Our service centers are spread throughout the state, and we have partnered with companies such as ITC, Aditya Birla Paints, and Green Co. We have successfully executed projects including railway corridor mapping, solar panel park inspections, and power line inspections for CESCO. As India's first drone company to collaborate with the Vietnam government, we have also expanded our services to include mining inspections, volumetric analysis, deforestation monitoring, and surveillance.

2024

- We successfully executed the Bharath Vikas Sankalp Yatra across Karnataka and Maharashtra, deploying a fleet of 100 drones operated by 180 skilled pilots. Our expertise extends to industrial inspections for manufacturing giants such as Aditya Birla, Tata Steel, Kam Towers, and Indus Towers. We've expanded our services into the telecommunications sector, offering digital twin creation, comprehensive industrial inspections, and non-destructive testing (NDT) for chimneys. Additionally, we are actively developing cutting-edge drone solutions for the defense sector.

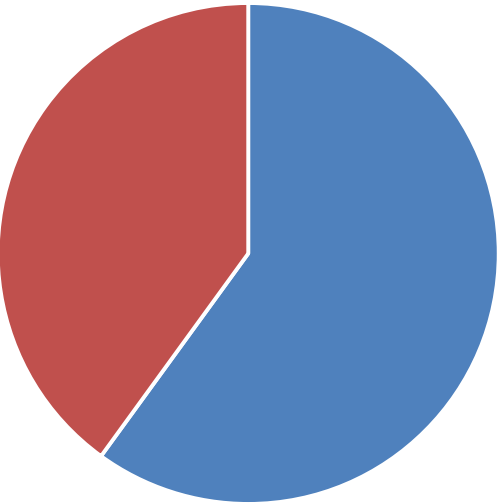
2025

- We are set to achieve significant milestones in 2025, including the inspection of approximately 45,000 km of KPTCL powerlines across Karnataka, 65,000 km of railway track signals across India, and 2 lakh telecom towers nationwide. Leveraging advanced drone technology, we aim to enhance infrastructure monitoring with greater efficiency, safety, and precision, solidifying our role as a leader in aerial inspection services."

# PIEFLY PRESENTS IN DIFFERENT SECTORS

## TELECOM TOWER

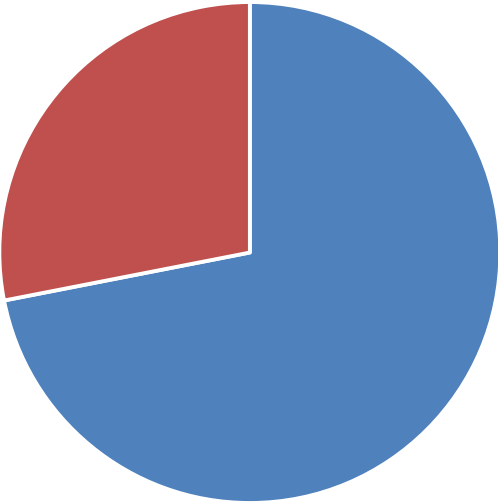
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## POWERLINE INSPECTION

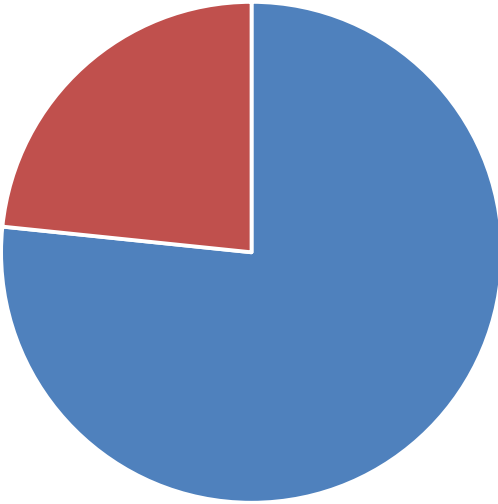
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## RAILWAY TRACK SIGNALS

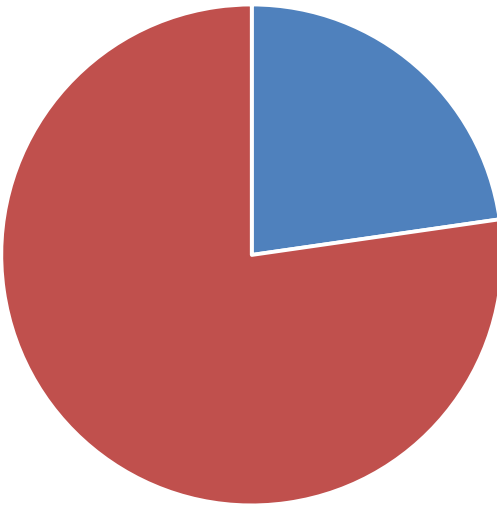
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## AGRICULTURE INSPECTION

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■ India ■ karnataka

# WHAT SETS US APART,

- **Industry Leadership in Drone service sector**

PIEFLY Aerospace stands at the forefront of drone Service sector in India, driving innovation that continually redefines aerial technology. Our commitment to advancing drone capabilities ensures we remain industry leaders, setting benchmarks for excellence.

- **Commitment to Reliability**

Our drones undergo rigorous testing to guarantee performance in even the most challenging environments. This unwavering focus on reliability empowers our clients to trust our technology, resulting in enhanced operational efficiency across industries.



- **Hands-on Experience:**

We believe in learning by doing. Our practical training sessions and Flight Simulations ensure that students gain the confidence and competence needed to operate drones effectively



- **Customized Training:**

We offer tailored training solutions for various industries, ensuring that our programs meet the unique needs and challenges of different sectors.



- **Safety First:**

Safety is at the core of our training philosophy. We emphasize safe operating practices, risk management, and compliance with local regulations



# PIEFLY AVIATION

Piefly Aviation is a DGCA-certified drone pilot training institute that offers specialized workshops and internships for individuals interested in drones. The training centre provides participants with the skills and certifications required to become professional drone pilots, ensuring compliance with aviation regulations. With hands-on training and expert guidance, Piefly Aviation helps individuals build successful careers in the growing field of drone technology.





**DGCA-APPROVED  
ORGANISATION**



**DGCA-APPROVED  
INSTRUCTORS**



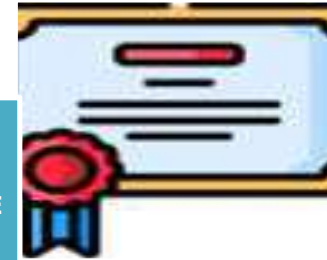
**BEST FLIGHT  
SIMULATORS**



**DGCA CERTIFIED  
PILOT**



**BEST  
INFRASTRUCTURE  
AT SJCE CAMPUS**



# PIEFLY AVIATION

- **Experienced Instructors:**

Our team certified and experienced drone pilots and instructors are dedicated to providing top-notch training. They bring real-world expertise and a passion for teaching to every class.

- **Comprehensive Curriculum:**

Our training programs cover a wide range of topics, from the basics of drone flight to advanced techniques, regulations, and industry-specific applications.



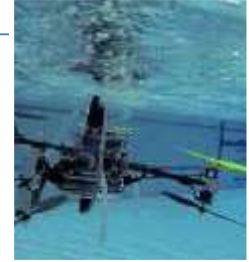
## **Agriculture services**



## **Industrial Inspection**



## **Environmental Services**



## **Civilian services**



## **Defense Services**



## **Health Care Services**



**SERVICES WE OFFER IN DIFFERENT SECTORS**



# SERVICES WE OFFER

## 01. Agriculture Services

- Soil Health Monitoring
- Crop Health and yield Monitoring  
Agricultural Spraying
- Livestock Management

## 02. Industrial Inspection:

- Powerline Inspection
- Telecommunication Tower Inspection Solar  
Panel Inspection
- Aircraft Inspection Bridge Inspection
- Oil Refinery Inspection Pipeline Inspection

### 03. Civilian Sector

- Emergency Response and Disaster Management
- Aerial Imaging(Photography and Videography)  
Surveying and Mapping
- Volumetric Measurement Urban Planning Healthcare  
Services
- Surveillance and Monitoring Waste Management

### 04. Environmental Services

- Weather Forecasting
- Air Quality Monitoring and Forecasting
- Deforestation Monitoring Seal Level  
Monitoring Wildlife Monitoring

DRONE  
SHOW

CELL  
TOWER  
INSPECTION

SOLAR  
INSPECTION

Taking  
flight to  
serve  
your  
needs

INNOVATION VOYAGE

DGCA  
APPRO  
VED DR  
ONE  
TRAINI  
NG

MAPPING

AGRICULTURE  
SPRAY



# CLIENTS







*Putting India First*



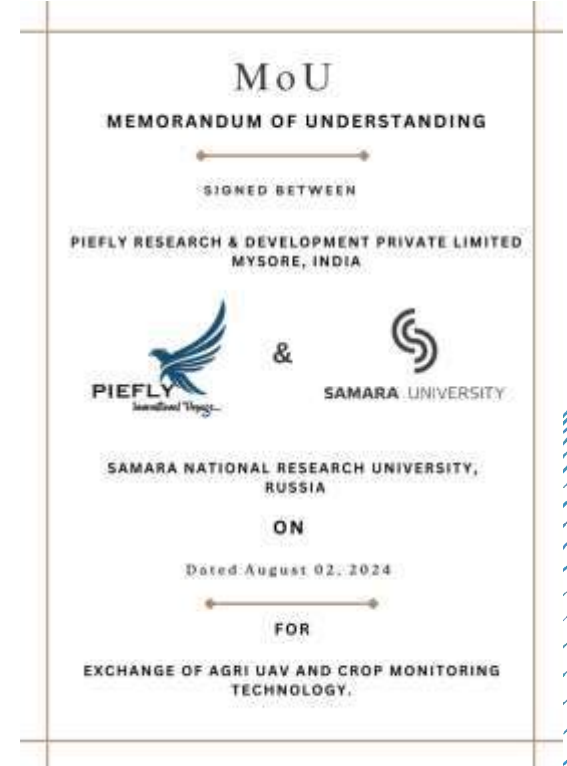
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# GLOBAL RELATION





# LET'S CONTACT WITH US!



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# TEAM



**THANK YOU**