



# GARUDA RAKSHA UDAAN 2025



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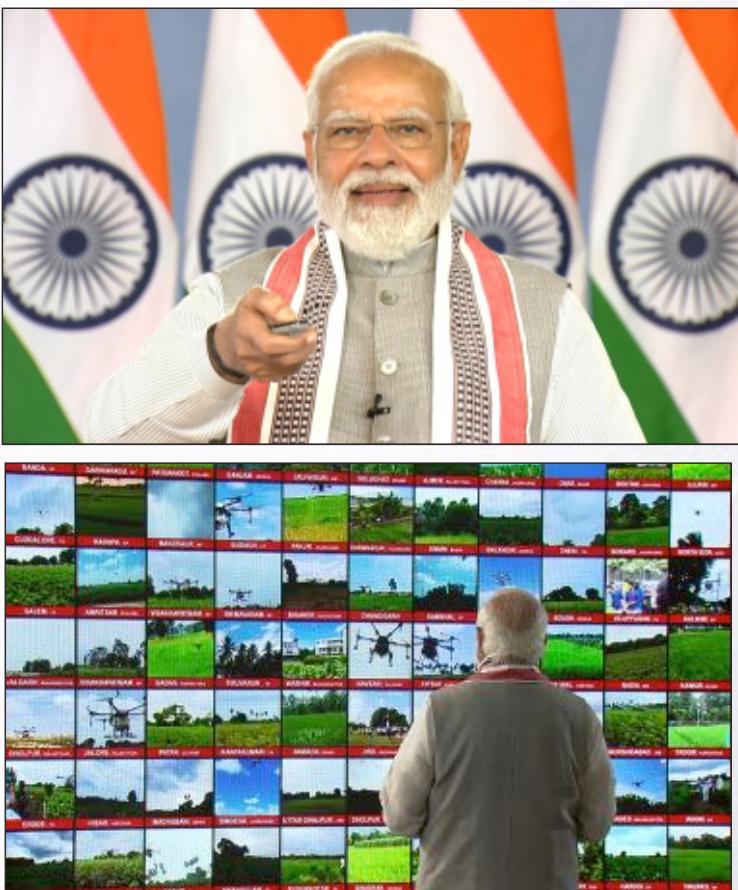
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## 'Garuda Aerospace' CEO meets PM MODI, says Indian Drone industry set to skyrocket under Modi's leadership

Under the vision of making India the Drone Hub of the World, Garuda Aerospace, India's largest drone company with over 300 drones and 500 pilots across 26 cities, is driving innovation and national impact. Founder & CEO Agnishwar Jayaprakash recently met Prime Minister Narendra Modi to discuss the future of India's drone industry, where the PM's hands-on interest in drone policies and applications reflected the government's progressive Make in India vision. Garuda is actively collaborating with NHAI, NTPC, Survey of India, SAIL, ISRO, and leading projects like medicine and vegetable deliveries in Varanasi Smart City. With the revised Drone Rules 2021 giving momentum to the sector, Garuda is firmly positioned to make India the Drone Capital of the World, while advancing the Prime Minister's vision of urban air mobility, essential deliveries, and technology that directly benefits citizens.

## "PM MODI Launches 100 Kisan Drones"



Prime Minister Narendra Modi flagged off 100 'Kisan Drones' across the country for spraying pesticides and farm materials, calling it a revolutionary step for Indian agriculture and the drone ecosystem. He expressed confidence that India's rising capability in this sector will provide global leadership, while highlighting that the number of drone start-ups has already crossed 200 and will soon grow into thousands, creating massive employment opportunities. Emphasizing his government's commitment to ensure no impediments in the sector's growth, Modi underlined that with the right policies, drones—once associated only with defence—are now transforming agriculture, industry, and everyday life, symbolizing how high India can truly fly.

## PM MODI APPLAUDS SPIRIT OF INDIA'S LAKHPATI DIDIS, DISTRIBUTED 1000 KISAN DRONES TO 1000 NAMO DRONE DIDIS



Prime Minister Narendra Modi handed over 1,000 drones to 1,000 NaMo Drone Didis across 10 locations under the Sashakt Nari - Viksit Bharat programme at IARI, Pusa, New Delhi, while also disbursing bank loans to Self Help Groups (SHGs) and interacting with Lakhpati Didis who shared their journeys of resilience and empowerment. Calling the event historic, the Prime Minister emphasized that drone technology will soon open innumerable opportunities, enabling women to become drone pilots and unlocking new avenues in agriculture, medicine, and essential deliveries. Some of the distributed drones were Kisan Drones manufactured by Garuda Aerospace, reinforcing its role in advancing affordable precision agriculture technology. Founder & CEO Agnishwar Jayaprakash expressed pride in supporting the Prime Minister's vision, highlighting that the initiative will empower women entrepreneurs, provide access to advanced agri-tech for farmers, and generate large-scale rural employment. With a goal of training 15,000 women-led SHGs to use drones for spraying, crop monitoring, and seeding, the NaMo Drone Didi initiative—along with the Lakhpati Didi programme—stands as a transformative step toward women's economic empowerment and rural development in India.

## GARUDA AEROSPACE SHOWCASES ITS DRONE SOLUTIONS AT NATIONAL PLATFORM FOR DISASTER RISK REDUCTION 2023



Garuda Aerospace, India's leading drone manufacturer, showcased its advanced disaster management drone solutions to Hon'ble Prime Minister Shri Narendra Modi and Home Minister Shri Amit Shah at the National Platform for Disaster Risk Reduction (NPDRR) 2023 in New Delhi, held under the theme "Building Local Resilience in Changing Climate." Equipped with high-resolution cameras, thermal imaging sensors, and 24-hour tethered flight capability, Garuda's drones provide aerial surveillance, rapid damage assessment, payload delivery, and search-and-rescue support in the toughest conditions. Having proven their effectiveness in major crises—including the Chamoli glacier burst, locust control in Rajasthan, floods in Assam, Gujarat, Kerala, and Andhra Pradesh, and even international relief during the Turkey earthquake—Garuda drones have become critical assets in disaster response. During the COVID-19 pandemic, they delivered medicines and vaccines to hospitals in partnership with Swiggy. Garuda's Sanjeevani and Droni drones further extend capabilities to tunnel inspection, underwater operations, and emergency medical supply. Founder & CEO Agnishwar Jayaprakash called it a historic moment when both the Prime Minister and Home Minister appreciated Garuda's role in disrupting defence, disaster management, Industry 4.0, and agriculture, while also recalling the joint rescue missions with NDRF during the 2022 Gujarat and Assam floods. With the distinction of being the first private drone company to sign an MoU with NDRF, Garuda Aerospace continues to pioneer reliable, life-saving drone solutions that strengthen India's resilience against disasters.

## MS DHONI LAUNCHES GARUDA AEROSPACE'S MV 1000 AMARAN ROCKET LAUNCHER DRONE FOR DEFENCE AND OTHER TECHNOLOGY SOLUTIONS



Garuda Aerospace, India's leading drone manufacturer, hosted its landmark event Garuda Ascend 2025 on February 21 at The Taj Lands End, Mumbai, where brand ambassador and investor MS Dhoni unveiled groundbreaking defence technologies including the MV 1000 AMARAN Rocket Launcher Drone developed with SAS Greece, a Land Mine Detection Drone, India's first Drones Aggregation App with Cognizant, and the nation's first Unmanned Traffic Management (UTM) system with Thales. The event, attended by over 300 dignitaries including investors, venture capitalists, and global partners like Tata Elxsi and L&T, underscored Garuda's commitment to national security and technological innovation across agriculture, defence, logistics, and surveillance. MS Dhoni shared how his investment stemmed from witnessing the global impact of drones and being inspired by Founder & CEO Agnishwar Jayaprakash's vision, persistence, and leadership. Agnishwar, in turn, hailed Dhoni's strategic role in shaping Garuda's defence focus, reaffirming the company's ambition to lead India's drone revolution domestically and globally. With a strong network of partners, investors, and over 300 drones in active use, Garuda Aerospace continues to redefine the future of drone technology and solidify India's position on the global drone map.

## GARUDA AEROSPACE'S AUTONOMOUS ATTACK DRONES DISPLAYED AT CISF DAY



Garuda Aerospace, which has made a significant mark in the defence drone sector, showcased four of its indigenous drones at the 54th Central Industrial Security Force (CISF) Day held at the National Industrial Security Academy (NISA), Hyderabad, in the presence of Hon'ble Home Minister Shri Amit Shah. The display included Tethered Drones for disaster communication, aerial surveying, inspection, surveillance, and rescue operations for the NDRF, along with advanced Munition & Ordnance Dropping Drones, Firefighting Drones, Bomb Dropping Drones, and Tactical Surveillance Drones. These cutting-edge innovations highlight Garuda's growing leadership in critical drone applications for national security and emergency response. Expressing pride in showcasing the company's indigenously designed and manufactured drones, Founder & CEO Agnishwar Jayaprakash reaffirmed Garuda Aerospace's commitment to driving Atmanirbhar Bharat through innovation, indigenization, and self-reliance in the drone industry.

## HON'BLE UNION MINISTER OF HOME AFFAIRS AND COOPERATION SHRI AMIT SHAH APPLAUDS GARUDA AEROSPACE'S TACTICAL DRONES AT 56TH CISF RISING DAY PARADE 2025



At the 56th Central Industrial Security Force (CISF) Rising Day Parade in Chennai, Hon'ble Union Minister of Home Affairs and Cooperation Shri Amit Shah praised Garuda Aerospace's tactical drones, commending their role in strengthening India's national security and law enforcement capabilities. Garuda's demonstration featured its Logistics Drone, Surveillance Drone, Tear Gas Canister Dropping Drone, and the Trishul Drone for Riot Management, each designed to modernize security operations and support indigenous defence innovation. Shri Amit Shah lauded Garuda's commitment to Atmanirbhar Bharat, highlighting the importance of indigenous drone technology in bolstering operational efficiency and defence infrastructure. Reaffirming CISF's reputation for excellence, he emphasized the force's role in safeguarding critical national assets such as airports, seaports, nuclear and space centers, metro networks, and government institutions. CISF Chief RS Bhatti further outlined future priorities, including training in cybersecurity, data science, aviation security, anti-drone technology, and fire safety, while announcing the recruitment of 31,000 new personnel and an annual growth of 10% to strengthen the force.



## CISF DAY



## CISF DAY



## GARUDA AEROSPACE OUTLINES PLANS FOR DEFENCE DRONES IN MEETING WITH DEFENCE MINISTER



Representatives of Chennai-based agri-tech pioneer Garuda Aerospace met Hon'ble Defence Minister Shri Rajnath Singh to present the company's vision for advancing indigenous defence drone capabilities. Founder & CEO Agnishwar Jayaprakash outlined plans for a state-of-the-art 30,000 sq. ft. Defence Drone Facility in Chennai, developed with the support of Hindustan Aeronautics Limited (HAL) and BEML Limited. The facility will feature advanced design, manufacturing, and testing infrastructure, while focusing on indigenous subsystem development and local production of critical components such as motors, batteries, and transmitters. Reinforcing its commitment to self-reliance and innovation, Garuda Aerospace's upcoming defence portfolio will include ISR-enabled drones, swarm drones, tethered drones, and underwater drones, positioning India at the forefront of next-generation unmanned systems.

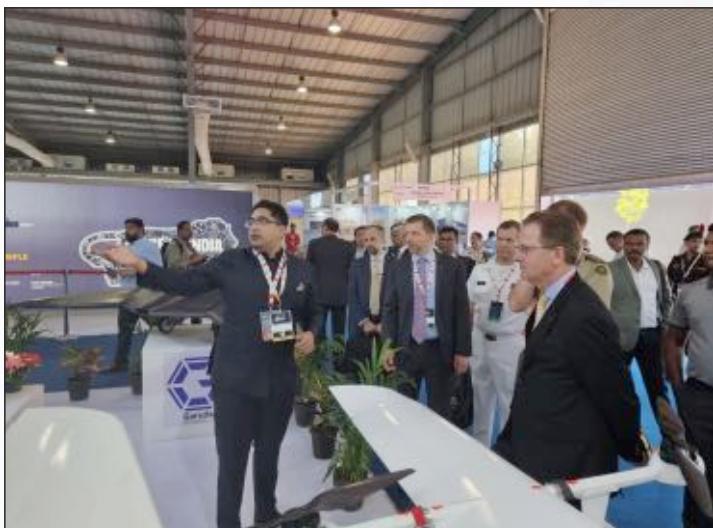
## GARUDA AEROSPACE SHOWCASES THEIR LATEST VAJRA DRONE AT DEFEXPO



At Defence Expo 2022, India's leading drone start-up Garuda Aerospace showcased its new delta-wing tactical Vajra Drone following the inauguration of the expo by Prime Minister Narendra Modi on October 19, 2022. The company also announced strategic partnerships with William Blair, National Head at Lockheed Martin Canada CDL, and Jayashree Muralidharan, Managing Director and TIDCO Chairman, to provide advanced Uncrewed Aerial Systems (UAS) software solutions for both defence and commercial applications, reinforcing Garuda Aerospace's role as a leader in cutting-edge indigenous drone technology.



## DEFENCE EXPO 2022



## DEFENCE EXPO 2022



## GARUDA AEROSPACE UNVEILS SOLAR-POWERED DRONE SURAJ AT AERO INDIA 2023



At Aero India 2023 in Bengaluru, Garuda Aerospace unveiled its latest solar-powered unmanned reconnaissance aerial drone, the J-Glider SURAJ, which was inaugurated by Dr. Satheesh Reddy, former DRDO Chairman and current Principal Scientific Advisor to the Defence Minister. Designed for high-altitude ISR surveillance, SURAJ provides real-time intelligence to the high command while protecting personnel on the ground. Its J-shaped wings are equipped with solar cells as the primary energy source, supported by an auxiliary battery, and it carries a versatile 10 kg payload of high-resolution zoom cameras, thermal sensors, and foliage-penetrating LiDAR. With a 12-hour endurance at 3,000 feet, the drone leverages AI, ML, and a bionic chip for advanced real-time processing. Founder & CEO Agnishwar Jayaprakash emphasized SURAJ's pivotal role in national security, while Dr. Reddy acknowledged Garuda Aerospace as a leading digital technology company driving innovations across defence, agriculture, and industrial automation.



## AERO INDIA 2023



## AERO INDIA 2023



## AERO INDIA 2023



## GARUDA AEROSPACE GEARS UP TO UNVEIL 8 ADVANCED DRONES



Garuda Aerospace, India's leading drone technology company, is set to launch eight advanced drones for defence, safety, and military operations at Aero India 2025, India's premier aerospace and defence exhibition. The new platforms include the Rocket Launcher Drone, Land Mine Detection & Diffusement system, Logistics Drone, Thales Garuda UTM, Firefighting Drone for SDRF, VR Military Drone Simulator, Grenade & Canister Dropping Drone, and the Life Buoy Drone for the Navy and Coast Guard, each designed to enhance operational efficiency and national security. Strengthening its technological capabilities, Garuda has forged strategic partnerships with Thales, REIL, HFCL, DRDO, Tata Elxsi, and the Central University of Jammu to advance unmanned aerial systems and foster innovation. Founder & CEO Agnishwar Jayaprakash emphasized that these launches and collaborations mark a major leap in bolstering India's defence capabilities, humanitarian efforts, and global drone leadership. With 20 granted patents, indigenous manufacturing moulds, and alignment with the Make in India initiative, Garuda Aerospace is reinforcing self-reliance, reducing dependency on imports, and positioning India at the forefront of next-generation drone technology, both domestically and internationally.



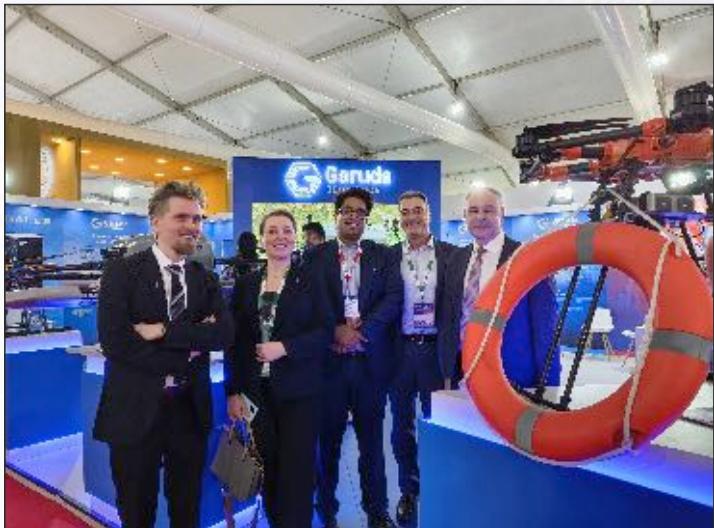
## AERO INDIA 2025



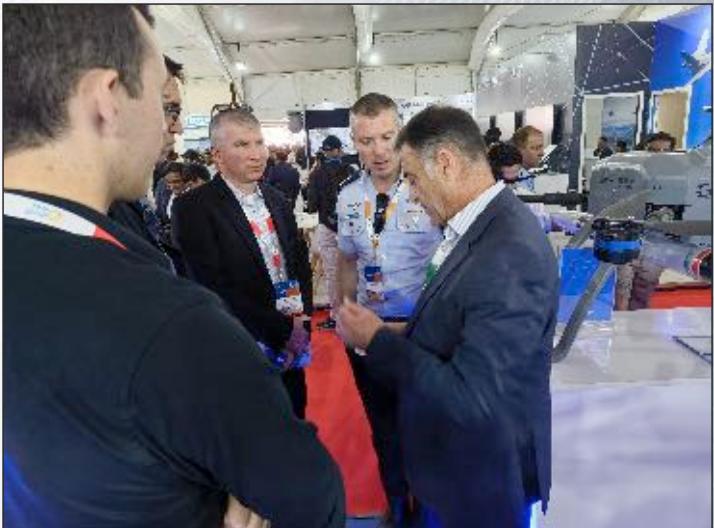
## AERO INDIA 2025



## AERO INDIA 2025



## AERO INDIA 2025



## OPERATION SINDOOR



## OPERATION SINDOOR



## DRONES ARE BECOMING THE INDIAN FARMER'S NEW BEST FRIEND



# Game of Drones

Although drones have helped farmers save costs, increase yields or productivity, a lot more needs to improve

By Narmi Thakar

The surge in drone adoption in the agri sector has brought with it a host of benefits to farmers



Agnishwar Jayaprakash, founder and CEO of Garuda Aerospace

During Budget 2022, Union Finance Minister Nirmala Sitharaman highlighted the promotion of "Kisan Drones" for crop assessment, land record digitisation, and spraying of insecticides and nutrients. Further, in May, Agriculture Minister Narendra Singh Tomar announced that farmers from SC-ST communities, women, small and marginal farmers, and those from Northeast states would receive up to 50% subsidy (maximum Rs 5 lakh) to buy drones, while other farmers would get up to 40% subsidy (maximum Rs 4 lakh). The adoption of drones has accelerated significantly since the liberal Drone Rules 2021, with India's drone sector projected to grow from Rs 80 crore currently to Rs 12,000–15,000 crore by 2026, and the number of drone startups rising 34.4% between August 2021 and February 2022. Agnishwar Jayaprakash, founder and CEO of Garuda Aerospace, notes that spraying eight times a year across 40 acres costs farmers Rs 20,000 crore annually, and most farmers will use drones as a service rather than owning them. Garuda connects directly with farmers and works with drone service providers—including rural entrepreneurs, FPOs, and collectives—providing drones at Rs 4–5 lakh each, manufactured at Rs 2–3 lakh, with industry-standard margins. Over two-and-a-half years, Garuda deployed pilot projects with ICAR and state agriculture universities in 320 Krishi Vigyan Kendras, tailoring solutions to local crop and regional challenges, such as fungus in Maharashtra or rodent issues in Tamil Nadu, earning 24% margin on drone sales and 15% margin on every acre sprayed.

## THE DUKE OF DRONES



How did an Olympic prospect go on to establish one of India's leading drone startups? From a young age, Agnishwar Jayaprakash was a man of many talents but one goal: to serve the youth of India. His journey began with swimming, initially prescribed to improve a lung ailment, and by 2012, he had won six categories at the World Short Course Swimming Championships in Istanbul, with Olympic prospects in sight. Yet, he realized his life's purpose extended beyond sports. While working under UN Assistant Secretary-General Lakshmi Puri, contributing to impact reports on youth empowerment and emerging technologies like drones, Jayaprakash recognized their potential to disrupt multiple billion-dollar sectors and impact over a billion people. This insight, combined with his Harvard Business School training, inspired the creation of Garuda Aerospace. The startup stands out for precision agri-tech and Industry 4.0 upgrades, building advanced drones for defense, agriculture, surveillance, mapping, and delivery services. Garuda offers 30 types of drones and over 50 services, including warehouse management for Flipkart and Delhivery and food delivery drones for Swiggy. In 2022, it received DGCA

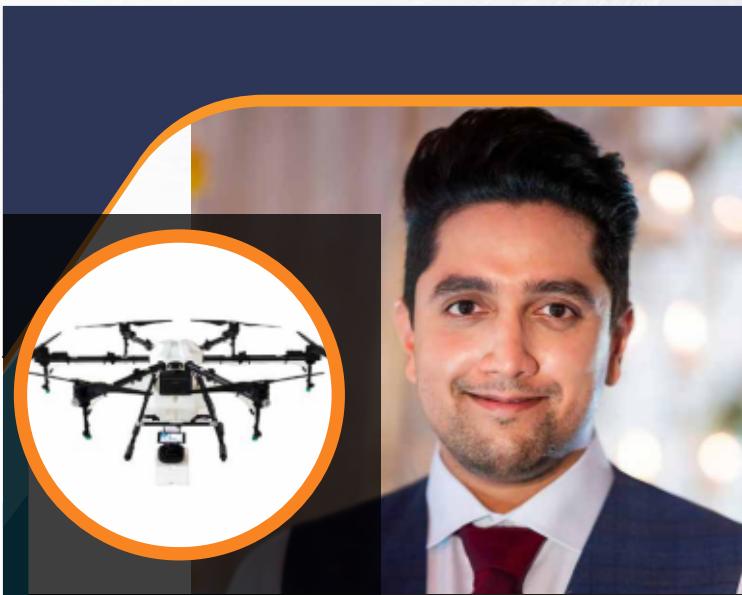
type and RPTO certifications—the first Indian drone startup to do so—and forged global partnerships with Lockheed Martin, Elbit Systems, and Cognizant, expanding operations to Malaysia, Africa, South America, Panama, UAE, and France. The venture gained further momentum when former Indian cricket captain MS Dhoni joined as investor and brand ambassador. Today, Garuda Aerospace operates a fleet of 400 drones, has over 500 trained pilots across 84 cities, serves more than 750 clients, and is cash-positive with a 24% net profit margin. Valued at \$250 million, the startup is on track to become India's first "Drone Unicorn," with plans for a \$15–20 million Series A funding round, fulfilling Jayaprakash's vision of creating Garuda—the Dronicorn.

## MANNING GARUDA WITH PANACHE



Agnishwar Jayaprakash, founder and CEO of Garuda Aerospace, made headlines in July 2021 when a tweet about Garuda's innovative 'Surya' drone, designed to clean panels at Singapore's floating solar farms, went viral—one of the likes coming from Tesla founder Elon Musk. Within 16 hours, Garuda signed a \$1 million pre-Series A term sheet with a U.K.-based fund. Garuda develops customised unmanned aerial vehicles for applications ranging from spraying pesticides and fertilisers to sanitising public spaces and delivering medicines, food, and vaccines, covering over 50 identified use cases. Revenues grew rapidly from ₹3 crore in FY20 to ₹15 crore the next year,

₹40 crore in FY22, and are projected at ₹450–500 crore for FY23. Jayaprakash's achievements are rooted in his extraordinary background: at 14, he became the youngest Indian to represent India at the World Swimming Championships in Indianapolis in 2004, despite being born with only 20% lung functionality. Today, Garuda collaborates with over 750 companies, including farm equipment makers and dealers, aiming to deploy at least one drone (worth ₹4–4.5 lakh) for each of India's five lakh villages.


**Mr Agnishwar Jayaprakash**

 Founder and CEO  
Garuda Aerospace

## Drones: Revolutionizing Indian Agriculture Ecosystem

**“**

With AIF, drones will be funded, and pilots will be trained and equipped with the necessary skills to excel in the industry. Garuda Aerospace's virtual skilling and training universities aim to empower 1 lakh youth by providing them with training and skilling for becoming drone pilots by creating job opportunities

**T**he Indian drone market in agriculture will grow at 25% CAGR and reach \$1.05 billion by 2030. With the introduction of Drone Shakti in the 2022 Union Budget, GOI has shown commitment to promote startups that can facilitate Drone Shakti and Drone as a Service.

Drones in rural areas are playing a vital role. They are helping farmers access essential supplies including fertilizers, seeds, and pesticides. Farming now is far more efficient and helps save time and money by reducing travel costs.

### Challenges in the Agri drone industry

The challenges that the agri drone industry is facing are mainly as follows.

- a) Lack of appropriate transport and mobility facilities for drones across farms
- b) Lack of skills related to drone operation and handling
- c) Lack of knowledge about technology and drones

### Garuda Aerospace - A Game Changer In The Agriculture Industry

Garuda Aerospace is India's leading agri-tech drone startup focused on disrupting two major multi-billion dollar sectors, namely Precision Agri Tech and Industry 4.0 upgradeation with a vision of increasing efficiency and reducing costs.

The Garuda Kisan Drone Yatra was inaugurated by Prime Minister Narendra Modi, and 100 drones were simultaneously launched in 100 villages across the country. These drones were equipped with 4G technology, enabling live tracking, data collection, and processing.

As 5G technology is integrated, Garuda Kisan Drones will essentially become supercomputers in the villages. This development will provide rural India with equal opportunities in terms of connectivity, bringing long-awaited progress to these regions.

### Aim To Manufacture 1 lakh drones by 2024

Garuda Aerospace has a firm vision of manufacturing 1 lakh 'Made In India' drones by 2024. It shall be the biggest positive beneficiary of the PLI scheme as the scheme incentivizes indigenous drone manufacturers. Garuda Kisan Drones are eligible for Rs.10 lakh unsecured loans from the Agri Infrastructure Fund at a 5% interest and 50-100% subsidy from GOI.

Priced at Rs.4.50 lakhs, Garuda Kisan Drone is India's most affordable advanced automated Agri Drone which has DGCA-approved Type Certification in the under 25kg small category.

Garuda Aerospace is looking forward to constantly innovating and enhancing precision technology disruption using drones which can create a New Green Revolution in India by contributing employment to several lakh Indian youth.

### Innovative Agriculture Solutions

As the first company to receive an AIF Drone loan, Garuda Aerospace raised awareness in the industry, and their recent

double certification has further enhanced their credibility. With MS Dhoni as the brand ambassador and shareholder, Garuda Aerospace has successfully capitalized on the former cricket captain's rural success story via a social media advertisement. The use of Kisan drones and innovative agriculture solutions in India is generating investment opportunities, emphasizing the need for modern and effective technology in farming practices. These advancements are helping to solve problems faced by farmers, and the government's focus on doubling farmers' incomes is aiding in the industry's overall expansion and growth.

### Drone Yatra's Impact On Agriculture Sector

On 6th December 2022, the Union Minister for Youth Affairs & Sports, and Information & Broadcasting, GOI, Shri Anurag Singh Thakur inaugurated India's first-ever virtual and E-learning platform for entrepreneurs who aspire to become drone service providers. Garuda Aerospace has achieved the remarkable feat of being the first to receive DGCA approvals for Type Certification and Remote Pilot Training Organisation.

With the Agri Infrastructure Fund (AIF) scheme in place, drones will be funded, and pilots will be trained and equipped with the necessary skills to excel in the industry. Garuda Aerospace's virtual skilling and training universities will aim to empower 1 lakh youth by providing them with training and skilling for becoming drone pilots by creating job opportunities.

The UBI-approved Kisan loan is a game-changer for the agriculture accelerator fund, as it encourages agri-tech startups and supports young entrepreneurs in rural areas by distributing various agrochemicals to further scale their businesses. The Garuda drones are poised to play a significant role in the development of 5G-enabled applications by collaborating with government labs, thereby creating a positive impact in the agricultural sector.

### Imense Potential

In April 2023, Garuda Aerospace crossed its halfway mark and covered 1,92,309 km in various states like Gujarat, Maharashtra, Tamil Nadu, Telangana, Punjab, West Bengal, Bihar etc. Garuda Kisan drones are the most affordable in the market priced at Rs. 4.5 lacs each, and have already received booking orders for 6000 drones indicating the monumental success of the Drone Yatra.

A surge in demand is due to Garuda Kisan Drones being priced nearly 50% less than most other DGCA-approved drone manufacturers and Garuda Kisan drones are eligible for both loans at a 5-6% interest rate under AIF and 50-70% government subsidy under SMAM scheme where farmers, Rural Entrepreneurs, Custom Hiring Centers and FPOs are spending only 25-50% for each drone from their pockets. Garuda Aerospace has already signed on 357 dealerships, and a total of 6399 drones have been distributed through 292 Purchase Orders. The team has conducted the demo sessions on the ground and helped farmers incorporate the drone technology and educate them to seek a brighter future.

[www.krishijagran.com](http://www.krishijagran.com)

May, 2023 |

## DRONES TRANSFORMING FARMING IN INDIA, MARKET TO REACH \$631 MILLION BY 2030: GARUDA AEROSPACE CEO



After tractors and farm equipment, drones are revolutionising agriculture in India by addressing multiple challenges faced by farmers. With a fleet of around 7,000 drones deployed in the sector, the Indian agricultural drone market, currently valued at \$145.4 million, is projected to reach \$631.4 million by 2030, growing at a CAGR of 28.1%, according to Agnishwar Jayaprakash, Founder and CEO of Garuda Aerospace, a leading player in this segment. He highlighted key drivers of this growth: labour shortages for spraying pesticides and fertilisers, precision and cost efficiency offered by drones, government support through subsidies, loans, and training programs, and rising awareness among farmers. "The Indian agricultural drone market is poised for explosive growth. Drones are becoming indispensable tools, ensuring efficient, sustainable, and profitable farming," said Jayaprakash. Garuda Aerospace has logged over 10 lakh flight hours, sold 2,500 drones, and secured six DGCA approvals, capturing 25–30% of the physical drone market and 45–50% of drone services through its Drone-as-a-Service (DAAS) model. "Our focus on indigenisation, affordable solutions, securing government subsidies, and partnerships with global leaders like Lockheed Martin and Thales positions us to shape the future of drone technology in India and beyond," he added. While tractor adoption took 20 years to reach 80% penetration, drone adoption in agriculture is expected to surge from 1% to 80% within the next 5–7 years. Currently, 35–40 companies dominate the market, with total drone fleets expected to reach 6–7 lakh by 2030–31, creating significant opportunities for manufacturers, service providers, and farmers. States leading adoption include Maharashtra, Tamil Nadu, Andhra Pradesh, Telangana, Karnataka, Madhya Pradesh, and Uttar Pradesh.

## INDUSTRIAL VISIT BY DEFENCE OFFICERS FROM DEFENCE COLLEGE OF MANAGEMENT, HYDERABAD



## INDUSTRIAL VISIT BY DEFENCE OFFICERS FROM DEFENCE SERVICES STAFF COLLEGE, WELLINGTON



## THE DEPUTY CONSUL GENERAL MR. SERGEI AZAROV AND ECONOMIC ATTACHE MR. ANDREI EROKHIN - CONSULATE GENERAL OF THE RUSSIAN FEDERATION IN CHENNAI



## BCCI



## AUSA DEFENCE CONFERENCE US 2024



## ZIMBABWE HARARE INSTITUTE



## LOCKHEED MARTIN VISIT TO GARUDA



THAILAND JV

FOXCON VP



ADVANTAGE AUSTRIA

MAJOR OMAR - MARZOUI GROUP OF COMPANIES, DUBAI



## GARUDA AEROSPACE, HAL'S SUBSIDIARY NAINI AEROSPACE PARTNER TO SCALE INDIGENOUS DRONE MANUFACTURING



Garuda Aerospace has partnered with Naini Aerospace, a wholly owned subsidiary of HAL under the Ministry of Defence, to jointly develop and manufacture advanced precision drones on Indian soil capable of carrying payloads of up to 25 kg. With a portfolio of 30 types of drones and 50 services, Garuda, backed by cricketer Mahendra Singh Dhoni as investor and brand ambassador, is driving India's vision of achieving 1 lakh "Made in India" drones by 2024. Founder and CEO Agnishwar Jayaprakash emphasized that collaborations with government PSUs, including recent partnerships with BEML and over 120 local suppliers, are crucial to scaling production and reducing reliance on imports. Naini Aerospace, with proven capabilities in aerostructure and aircraft manufacturing, brings decades of expertise, enabling Garuda to expand its presence in Uttar Pradesh and provide seamless access to clients across North, West, East, and North-East India. Situated strategically on the Prayagraj-Mirzapur highway and proposed as part of the Defence Industrial Corridor, this partnership also enhances logistics efficiency and cost-effectiveness, reinforcing Garuda's mission to lead India's drone revolution.

## TATA ELXSI AND GARUDA AEROSPACE SIGN MOU TO ESTABLISH COE FOR INDIGENISED UAV



Tata Elxsi, a global leader in design and technology services, and Garuda Aerospace, a pioneering UAV manufacturer, have signed a Memorandum of Understanding at Aero India 2025 to establish a dedicated UAV design, engineering, and certification center focused on indigenous drone technologies for Indian defence, agriculture, and smart city applications, supporting the 'Make in India' initiative. The partnership includes showcasing prototypes and operational UAVs, demonstrating indigenised components, and leveraging Tata Elxsi's expertise in avionics, miniaturisation, ground control systems, secured communication, energy optimisation, and compliance with DO-254 and DO-178C standards. By integrating autonomous and digital twin technologies, AI-driven solutions, and advanced propulsion and battery management systems, the collaboration aims to enhance UAV efficiency, reduce energy consumption by 20%, cut costs by over 20%, and accelerate development cycles by up to six months. Garuda Aerospace, as the OEM, will drive business acquisition and delivery, with drones serving multiple applications including payload management, goods delivery, precision agriculture, and ISR missions, addressing critical operational needs across industries. Jayaraj Rajapandian, Head of Aerospace, Rail & Off-highway at Tata Elxsi, highlighted that this partnership strengthens India's defence ecosystem and reinforces self-reliance in aerospace technologies.

## GARUDA AEROSPACE-HFCL PACT TO ADVANCE AI-DRIVEN INDIGENOUS DRONES



Thales, a global leader in aerospace technology, and Garuda Aerospace have signed a strategic Memorandum of Understanding (MoU) to advance India's drone sector by developing cutting-edge Unmanned Traffic Management (UTM) systems and fostering technological innovation, supporting India's vision of becoming a global drone hub by 2030. Leveraging Thales' expertise in UAV detection, system integration, and end-to-end UTM solutions, Garuda Aerospace—India's leading drone company with over 2,500 drones across 400 districts—will integrate these advanced systems to enhance operational efficiency and drone-based applications for sectors including defence, agriculture, and industrial automation. Agnishwar Jayaprakash, Founder and CEO of Garuda Aerospace, emphasized that this collaboration, complemented by Thales' worldwide experience, will revolutionize the Indian drone landscape, promote self-reliance, and position India as a major global player in unmanned aerial systems. Ashish Saraf, Vice President and Country Director of Thales India, highlighted that the partnership aligns with the Aatmanirbhar Bharat vision, supporting technological advancement and innovation in India's growing drone ecosystem.

## GARUDA AEROSPACE, ELBIT SYSTEMS SIGN AGREEMENT TO PROVIDE DRONES TO COMMERCIAL, GOVT AGENCIES



At Defence Expo 2022 in Gandhinagar, India's leading drone start-up Garuda Aerospace signed a strategic agreement with Israel-based defence electronics firm Elbit Systems to provide Skylark 3 unmanned aircraft systems (UAS) for commercial and government applications, including large-scale mapping of over 7,000 villages under the Swamitva Scheme and mining projects for steel plants, Coal India, BCCL, and NTPC facilities. The drones, featuring advanced sensors with 6–9 hours of operational endurance, will also support the Drone Shakti initiative, with joint design, customization, and technology development planned across sectors. Founder & CEO Agnishwar Jayaprakash highlighted that the alliance, alongside a separate MoU with Lockheed Martin and the unveiling of the Delta Wing tactical Vajra Drone, positions Garuda as India's most valuable drone start-up with a potential Rs 150 crore order book and anticipated revenue growth of over 1,000% in the mapping vertical. With a USD 30 million Series A round at a USD 250 million valuation, a fleet of 400 drones, and over 500 trained pilots across 26 cities,

## GARUDA AEROSPACE AND LOCKHEED MARTIN CANADA TO COLLABORATE ON UAS SOLUTIONS



Garuda Aerospace and Lockheed Martin Canada CDL Systems signed a strategic Memorandum of Understanding (MoU) to integrate Garuda's Made-in-India drones with Lockheed Martin's advanced Uncrewed Aerial Systems (UAS) software solutions for defence and commercial applications. The partnership focuses on building strong data processing capabilities, developing joint algorithms, and enabling drone-based services across sectors including defence, agriculture, mining, large-scale mapping, and industrial inspection. Founder & CEO Agnishwar Jayaprakash highlighted that the collaboration strengthens Garuda's competitive edge and market leadership, leveraging credibility gained through initiatives such as the launch of 100 Garuda drones across the country by Prime Minister Narendra Modi and MS Dhoni's role as brand ambassador. Michael Baker, General Manager of Lockheed Martin Canada CDL Systems, emphasized that the alliance will bring world-class software solutions to Garuda drones, supporting India's indigenous defence and aerospace ecosystem, expanding market applications, and creating high-tech job opportunities nationwide.

## THALES-GARUDA ALLIANCE SEEKS TO PROPEL INDIA AS A GLOBAL DRONE HUB BY 2030



Thales, a global leader in aerospace technology, and Garuda Aerospace have signed a strategic Memorandum of Understanding (MoU) to advance India's drone sector by developing cutting-edge Unmanned Traffic Management (UTM) systems and fostering technological innovation, supporting India's vision of becoming a global drone hub by 2030. Leveraging Thales' expertise in UAV detection, system integration, and end-to-end UTM solutions, Garuda Aerospace—India's leading drone company with over 2,500 drones across 400 districts—will integrate these advanced systems to enhance operational efficiency and drone-based applications for sectors including defence, agriculture, and industrial automation. Agnishwar Jayaprakash, Founder and CEO of Garuda Aerospace, emphasized that this collaboration, complemented by Thales' worldwide experience, will revolutionize the Indian drone landscape, promote self-reliance, and position India as a major global player in unmanned aerial systems. Ashish Saraf, Vice President and Country Director of Thales India, highlighted that the partnership aligns with the Aatmanirbhar Bharat vision, supporting technological advancement and innovation in India's growing drone ecosystem.

## INDIA TO BE DRONE TECH HUB, NEED 1 LAKH PILOTS BY NEXT YEAR: ANURAG THAKUR



Union Minister Anurag Thakur highlighted India's rapid rise as a global drone technology hub during the launch of 'Drone Yatra 2.0' in Chennai, emphasizing that the country will require at least 100,000 drone pilots by next year. He noted the growing adoption of drones across sectors, from spectacular displays of 1,000 "Made in India" drones by start-up Botlab Dynamics during the Beating Retreat, to land and house surveys under the SWAMITVA scheme, and agricultural applications such as spraying pesticides and nano-fertilizers in rural areas. With each drone pilot potentially earning Rs 50,000–80,000 per month, the initiative could generate at least Rs 6,000 crore annually in employment, underscoring the sector's massive economic and technological potential.

## SCINDIA OPERATES DRONE WITH NATIONAL FLAG TO SHOWCASE DEVELOPMENTAL WORKS AT GWALIOR



In Gwalior, Civil Aviation Minister Jyotiraditya Scindia operated a drone displaying the national flag as part of the Har Ghar Tiranga initiative to showcase nine developmental works across the city. The drone, organized by Bharat Drone Association in collaboration with Garuda Aerospace, hovered over key project sites, highlighting the government's commitment to local development. Sharing the experience on social media, Scindia described the event as an unforgettable moment, demonstrating how drone technology can creatively engage citizens while promoting transparency and progress in urban development. This event reflects the broader transformation driven by drones in India, where companies like Garuda Aerospace are pioneering applications across defence, agriculture, and smart cities. With initiatives like indigenization facilities, advanced UAV design partnerships with Tata Elxsi, and collaborations with HAL and Naini Aerospace, Garuda is enabling India's goal of becoming a global drone hub, creating employment for thousands of drone pilots, advancing precision agriculture, and supporting intelligence, surveillance, and reconnaissance missions. By combining cutting-edge AI, autonomous technologies, and local manufacturing, these efforts reinforce India's self-reliance while demonstrating the tangible benefits of drone technology in governance, industry, and societal development.

## GARUDA AEROSPACE OPENS AGRI-DRONE INDIGENISATION UNIT NEAR CHENNAI



Garuda Aerospace has launched a first-of-its-kind Agri-Drone Indigenisation facility near Chennai to design and manufacture advanced Unmanned Aerial Systems, marking a significant leap in India's drone manufacturing capabilities and supporting the Centre's 'Atmanirbhar Bharat' initiative. Spread across 35,000 sq. ft. at Thalambur and inaugurated by Union Minister of State for Rural Development Kamlesh Paswan, the state-of-the-art facility produces 7 subsystems and over 33 parts, reinforcing Garuda's commitment to self-reliance and indigenous innovation. Complementing this, the company has established 300 Centres of Excellence in partnership with educational institutions and industry collaborators to drive research, skill development, and innovation in drone technology. A dedicated Train-the-Trainer programme further enhances operational expertise, strengthening Garuda Aerospace's position as one of India's most valuable drone startups with a rapidly expanding global footprint, according to Founder and CEO Agnishwar Jayaprakash.



## AGRI-DRONE INDIGENISATION UNIT



## AGRI-DRONE INDIGENISATION UNIT



## AGRI-DRONE INDIGENISATION UNIT



## AGRI-DRONE INDIGENISATION UNIT



## HONORABLE MINISTER OF STATE FOR DEFENCE SHRI SANJAY SETH INAUGURATED GARUDA AEROSPACE DEFENCE FACILITY IN CHENNAI



Honorable Minister of State for Defence Shri Sanjay Seth inaugurated Garuda Aerospace Defence Facility in Chennai & laid Foundation Stone for Advanced Defence Drone Tech Park in ECR! The Minister also Unveiled 5 New Age Drones manufactured by Garuda, Flagged off the 1st ever Mobile Defence MRO Van, Launched Free Drone Pilot training program for Army & Awarded Garuda Drone Pilots who supported the country during Operation Sindo!



## INAGURATION OF GARUDA AEROSPACE DEFENCE FACILITY IN CHENNAI



## INAGURATION OF GARUDA AEROSPACE DEFENCE FACILITY IN CHENNAI



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## INAGURATION OF GARUDA AEROSPACE DEFENCE FACILITY IN CHENNAI



## INAGURATION OF GARUDA AEROSPACE DEFENCE FACILITY IN CHENNAI





**Shri. Anurag Singh Thakur**  
Hon'ble Minister of I&B, MoY&S



**Smt. Nirmala Sitharaman**  
Hon'ble Minister for Finance and Corporate Affairs



**Shri Jyotiraditya M. Scindia**  
Hon'ble Minister for Civil Aviation



**Shri Bhupendrabhai Patel**  
Honourable Chief Minister of Gujarat



**Dr. Jitendra Singh**  
PMO, Hon'ble Minister for PPG and Pensions, DoAE, Science and  
Technology, Department of Space



**Shri Mansukh L. Mandaviya**  
Hon'ble Minister for Health and Family Welfare & Chemicals and  
Fertilizers

## VIP VISITS



**Shri Ragaji Bhai**  
Minister of Agriculture



**Shri Balavant Singh**  
Cabinet Minister



**Shri. Sarbananda Sonowal**  
HMoS for Ports, Shipping and Waterways



**Shri. Bishweswar Tudu**  
HMoS for Jal Shakti and Tribal Affairs



Honorable Chief Minister of Maharashtra Shri Eknath Shinde &  
Hon. Shri. Narayanraoji Rane Union Minister of MSME



**Shri. Som Parkash**  
Union Minister of State - Commerce and Industry

## VIP VISITS



**Shri. Munjpara Mahendrabhai**  
HMoS for Women and Child Development



**Shri Mansukhbhai vasav**  
Minister of State for Tribal Affairs



**Shri Purushotam Bhai Rupala**  
Cabinet Minister



**Shri Dharmendra Pradhan**  
Minister of Education and Minister of Skill Development and  
Entrepreneurship in the Government of India



**Dr. Bharati Pravin Pawar**  
HMoS for Health and Family Welfare



**Shri. B. L. Verma**  
Ministry of Development of North Eastern Region

## VIP VISITS



**Shri Anuraj Bajpai**  
Joint Secretary, Ministry of Defence



**Shri Hardeep S Puri**  
Hon'ble Minister for Petroleum and Natural Gas & Housing and Urban Affairs



**Shri Suresh Khade**  
Minister of Labour of Maharashtra



**Shri.Pramod Sawant**  
Honourable Chief Minister of Goa



**Smt Harsh Sanghavi**  
Home Minister of Gujarat, Minister of State Sports



**Shri.Pralhad Joshi**  
Hon'ble Minister for Parliamentary Affairs, Coal and Mines

## VIP VISITS



**Shri. Giriraj Singh**  
Hon'ble Minister for Rural Development & Panchayati Raj



**Dr. Bhagwat Karad**  
HMoS for Finance



**Shri Bhagwanth Khuba**  
HMoS for New and Renewable Energy, Ministry of Chemicals and Fertilizers



**Shri Ragavji Bhai**  
Agriculture Minister of Gujarat



**Shri Bhavani Pati**  
Joint secretary Minister of coal, Government of India



**Shri Pratap Chandra Sarangi**  
Honourable Member of Lok Sabha

## VIP VISITS



**Shri Dr.Hariharaprasad**  
Director of fertilizer



**Shri V.K. Singh**  
Hon'ble Minister of State in the Ministry of Road Transport and Highways and Ministry of Civil Aviation



**Shri Dr Bhagwat Kishanrao Karad**  
Hon'ble Union Minister of State for Finance



**Shri Arjun Ram Meghwal - Hon'ble Minister of Law and Justice**  
&  
**Shri. Narayanraoji Rane - Hon'ble Union Minister of MSME**



**Shri Pankaj Chudhary**  
Hon'ble Minister of State for Finance of India



## VIP VISITS



**Shri Kaushal Kishore**  
Hon'ble Minister of State for Housing and Urban Affairs of India



**Shri Bhupender Yadav**  
Hon'ble Union Cabinet Minister of Labour and Employment,  
Environment, Forest and Climate Change



**Shri Rajeev Chandrashekhar**  
Hon'ble Minister of State for Skill Development and Entrepreneurship



**Shri Krishan Lal Panwar**  
Member of Parliament (RS)



**Shri Jugal Kishor Sharma**  
Member of Parliament Lok Sabha



**Shri Rebati Tripura**  
Member of the Lok Sabha

## VIP VISITS



**Shri Dhananjay Bhimrao Mahadik**  
Member of parliament (RS)



**Shri Kailash Soni**  
Member of Parliament (RS)



**Smt. Indu Bala Goswami**  
Member of parliament (RS)



**Shri Pabitra Margherita**  
Member of parliament (RS)



**Shri Raj Kumar Singh**  
Cabinet Minister (Power, New & Renewable Energy)



**Shri Nityanand Rai**  
Hon'ble Minister of State for Home Affairs

## VIP VISITS



**Shri Kota Srinivas Poojary**

Hon'ble Minister of Social Welfare Department and Backward Classes  
Welfare Department of Karnataka

**Shri Kiran Kumar Kodgi**

MLA - Kodagu



## VIP VISITS



**Shri A Narayanaswamy**  
HMoS for Social justice and empowerment



**Shri MURALIDHARAN**  
Minister of External Affairs



**Shri Kapil Moreshwar Patil**  
Minister of State for Panchayati Raj



**Shri Faggan Singh Kulaste**  
Minister of State for Rural Development



**Shri Shripad Yesso Naik**  
HMoS for PSW & Tourism



**Shri K. Annamalai**  
Tamil Nadu State President (BJP)

## ARMY DEMOS



## ARMY DEMOS



## ARMY DEMOS



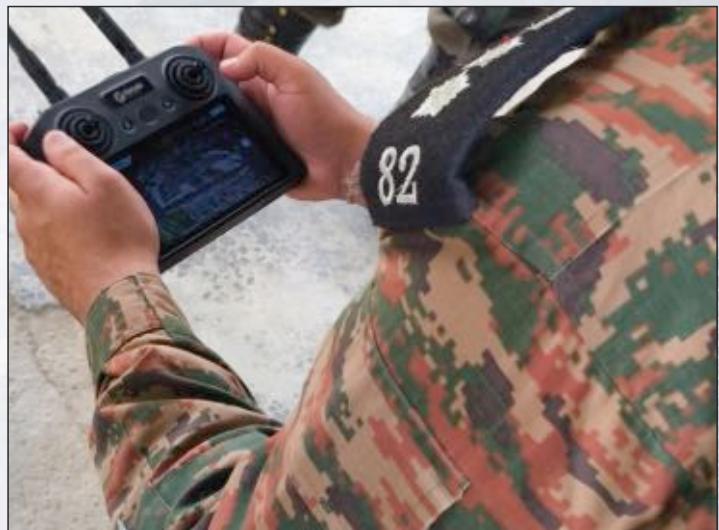
## ARMY DEMOS



## ARMY DEMOS



## ARMY DEMOS



## POLICE DEMOS



## UTTARAKHAND GLACIER BURST DISASTER



## ASSAM FLOODS



## ASSAM FLOODS



## ANDHRA FLOODS



## ANDHRA FLOODS



## GUJARAT FLOODS



## GUJARAT FLOODS



## GUJARAT FLOODS



## KERALA HIKER RESCUE



## Defense Solutions



Garuda Aerospace Defense Solutions Drone empowers defense and security professionals with efficient and accurate aerial intelligence. This AI-powered unmanned aerial vehicle (UAV) is specifically designed for military and security operations. Equipped with mission-specific sensors and cameras, the Defense Drone can be used for surveillance, crowd monitoring and border patrol, providing real-time data for precision-driven decision-making. It enhances operational efficiency, reduces response time and ensures mission success.

## Technical Data

<b>Max all up Weight</b> 25 kg	<b>Max Payload weight</b> 10 kg	<b>Endurance</b> 20 mins	<b>Range</b> 5 km Extendable to 10 kms
<b>Maximum Altitude</b> 120 m	<b>Flying Speed</b> 5 m/s	<b>Payload Details</b> Camera, "Autonomous Canister dropping system"	<b>Application</b> Canister / Grenade Dropping

## Defense Solutions



Firefighting Drone empowers emergency response teams with efficient and accurate aerial intelligence. This AI-powered unmanned aerial vehicle (UAV) is specifically designed for fire detection, suppression, and rescue operations. Equipped with thermal imaging sensors, high-resolution cameras, and fire retardant dispersal systems, the Firefighting Drone can be used for wildfire monitoring, urban fire response, hazardous area surveillance, and search-and-rescue missions, providing real-time data for precision-driven decision-making. It enhances operational efficiency, reduces response time, and ensures mission success in critical fire emergency situations.

## Technical Data

**Max all up Weight**

6 kg

**Max Payload weight**

1.5 kg

**Endurance**

30 mins

**Displant**2 HP Pump,  
25 Bar pressure nozzle**Maximum Altitude**

120 m

**Deployment Time**

&lt; 15 min

**Payload Details**

Tethered system

**Application**Fire fighting, Facade  
Solar panel cleaning

## Defense Solutions



Garuda Aerospace Defense Solutions Drone empowers defense and security professionals with efficient and accurate aerial intelligence. This AI-powered unmanned aerial vehicle (UAV) is specifically designed for military and security operations. Equipped with mission-specific sensors and cameras, the Defense Drone can be used for surveillance, target tracking, border patrol and reconnaissance missions, providing real-time data for precision-driven decision-making. It enhances operational efficiency, reduces response time and ensures mission success.

## Technical Data

**Max All Up Weight**

7 kg

**Max Payload Weight**

3 kg

**Endurance:**

60 mins

**Range**

7 kms

**Maximum Altitude**

5000 m

**Flying Speed**

20 m/s

**Payload Details**RGB, IR, Thermal &  
Quad Camera**Application**Surveillance, Survey & Mapping  
Patrol etc.

## Defense Solutions



Garuda Aerospace Defense Solutions Drone empowers defense and security professionals with efficient and accurate aerial intelligence. This AI-powered unmanned aerial vehicle (UAV) is specifically designed for military and security operations. Equipped with mission-specific sensors and cameras, the Defense Drone can be used for surveillance, target tracking, border patrol and reconnaissance missions, providing real-time data for precision-driven decision-making. It enhances operational efficiency, reduces response time and ensures mission success.

## Technical Data

**Max All Up Weight**

3 kg

**Max Payload Weight**

1.5 kg

**Endurance:**

50 mins

**Range**

3 kms

**Maximum Altitude**

4500 m

**Flying Speed**

15 m/s

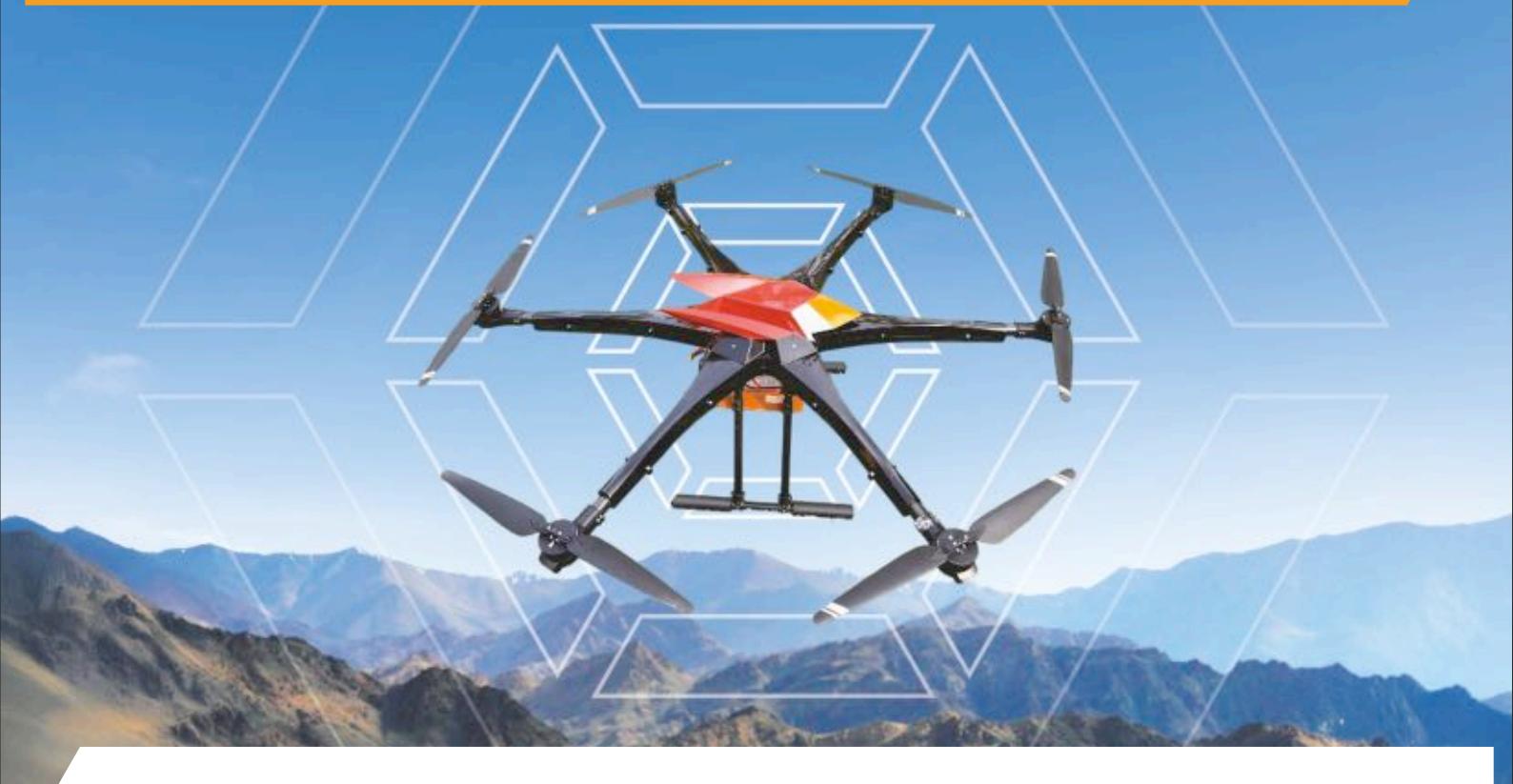
**Payload Details**

RGB, IR &amp; Thermal Camera

**Application**

Surveillance, Patrol etc.

## Defense Solutions



Garuda Aerospace's Landmine Detection Drone is an advanced AI-powered unmanned aerial vehicle (UAV) designed to enhance military and security operations. Equipped with cutting-edge sensors and high-resolution cameras, this drone specializes in detecting and mapping landmines with precision. By providing real-time aerial intelligence, it improves situational awareness, accelerates mine clearance efforts and minimizes risks to personnel. With applications in reconnaissance, border security and battlefield safety, this UAV ensures mission success while significantly reducing operational hazards and response time.

## Technical Data

**Max all up Weight**

20 kg

**Max Payload weight**

10 kg

**Endurance**

30 mins

**Range**

5 kms

**Maximum Altitude**

120 m

**Flying Speed**

10 m/s

**Payload Details**

Camera, Ground penetrating radar, Metallic Detector

**Application**

Landmine detection, detonation

## Defense Solutions



Lifebuoy Drone empowers rescue and emergency response teams with efficient and accurate aerial intelligence. This AI-powered unmanned aerial vehicle (UAV) is specifically designed for maritime and sea rescue operations. Equipped with mission-specific sensors, high-resolution cameras and lifesaving flotation devices, the Lifebuoy Drone can be used for drowning detection, emergency response, coastal surveillance and disaster relief, providing real-time data for precision-driven decision-making. It enhances operational efficiency, reduces response time and ensures mission success in critical rescue situations.

## Technical Data

**Max all up Weight**

25 kg

**Max Payload weight**

10 kg

**Endurance**

18 mins

**Range**5 km  
Extendable to 10 kms**Maximum Altitude**

120 m

**Flying Speed**

10 m/s

**Payload Details**

Lifebuoys, RGB Camera

**Application**Supporting rescue operations  
at sea

## Defense Solutions



Garuda Aerospace Defense Solutions Rocket Launcher enhances modern defense capabilities with precision-guided aerial firepower. This AI-powered unmanned aerial vehicle (UAV) is specifically designed for strategic military operations. Equipped with advanced targeting systems, high-resolution surveillance cameras and automated launch mechanisms, the Defense Solutions Rocket Launcher can be used for precision strikes, battlefield reconnaissance and threat neutralization. It enables rapid deployment, minimizes risk to personnel and enhances mission efficiency in high-stakes defense scenarios.

## Technical Data

**Max all up Weight**

30 Kg

**Max Payload weight**

12 Kg

**Endurance**

45 mins

**Range**

7 km

**Maximum Altitude**

4000 m

**Flying Speed**

15 m/s

**Payload Details**Rocket Launching  
mechanism**Application**

Rocket launching

## Defense Solutions



Garuda Aerospace Defense Solutions Drone empowers defense and security professionals with efficient and accurate aerial intelligence. This AI-powered unmanned aerial vehicle (UAV) is specifically designed for military and security operations. Equipped with mission-specific sensors and cameras, the Defense Drone can be used for surveillance, target tracking, border patrol, and reconnaissance missions, providing real-time data for precision-driven decision-making. It enhances operational efficiency, reduces response time, and ensures mission success.

## Technical Data

<b>Type:</b> VTOL	<b>Max Payload</b> 10 kg	<b>Max All Up Weight</b> 15 kg	<b>Compatible Payload</b> RGB & IR Camera
<b>Endurance:</b> 150 mins	<b>Weather Resistance</b> IP55 or higher	<b>Satellite positioning</b> GPS, GLONASS, BeiDou	<b>Flying Speed</b> 20 m/s
<b>Safety Features</b> Return-to-home	<b>Battery</b> High-capacity lithium-ion battery	<b>Dimensions</b> 1.5 mx1.5 mx0.6 m	<b>Purpose</b> Surveillance,Patrol etc.

## Enterprise Solutions



Garuda Aerospace Delivery Drone revolutionizes logistics by providing efficient and accurate aerial deliveries. This AI-powered unmanned aerial vehicle (UAV) is specifically designed for transporting goods with speed and precision. Equipped with advanced navigation systems, sensors and cameras, the Delivery Drone ensures seamless parcel delivery, optimized route planning and real-time tracking. It helps save time, reduce costs, and enhance efficiency in last-mile delivery solutions.

## Technical Data

<b>Max all up Weight</b> 25 kg	<b>Max Payload weight</b> 10 kg	<b>Endurance</b> 30 mins	<b>Range</b> 5 km Extendable to 10 kms
<b>Maximum Altitude</b> 120 m	<b>Flying Speed</b> 10 m/s	<b>Payload Details</b> Delivery box with OTP Pin secure unlocking system	<b>Application</b> Long-Range Remote Delivery

## Defense Solutions



Garuda Aerospace Defense Solutions Drone empowers defense and security professionals with efficient and accurate aerial intelligence. This AI-powered unmanned aerial vehicle (UAV) is specifically designed for military and security operations. Equipped with mission-specific sensors and cameras, the Defense Drone can be used for surveillance, target tracking, border patrol, and reconnaissance missions, providing real-time data for precision-driven decision-making. It enhances operational efficiency, reduces response time, and ensures mission success.

## Technical Data

**Max all up Weight**

25 kg

**Max Payload weight**

10 kg

**Endurance**

45 mins

**Range**

5 km

Extendable to 10 kms

**Maximum Altitude**

4000 m

**Flying Speed**

10 m/s

**Payload Details**

RGB &amp; Thermal Camera

**Application**

Long-Range Video Transmission



Garuda Aerospace Droni Drone empowers filmmakers, content creators and media professionals with efficient and accurate aerial cinematography. An AI-powered drone designed specifically for high-quality videography applications. Equipped with advanced high-resolution cameras and intelligent flight modes, the drone can capture stunning cinematic footage, perform aerial surveillance for defense and assist in creative storytelling.

## Technical Data

<b>Max all up Weight</b> 249g (MTOW)	<b>Max Payload weight</b> Included in the MTOW	<b>Endurance</b> 30 min	<b>Range</b> 2 kms
<b>Maximum Altitude</b> 120 m	<b>Flying Speed</b> 12 m/s	<b>Payload Details</b> RGB Camera	<b>Dimensions</b> 171.1 x 215.1 x 61 mm
<b>Tilt Angle</b> GPS Mode : 45° Altitude Mode : 50°	<b>Hovering Range</b> Horizontally : ± 0.4m Vertically : ± 1.0m	<b>Operating Temperature</b> -5 °C to -45 °C	<b>Application</b> Event & Photography.

# ARMY WORK ORDERS & APPRECIATION LETTERS

नियन्त्रित, नियन्त्रित और नियन्त्रित

Directorate General, National Disaster Response Force

गृह मंत्री, भारत सरकार  
दिल्ली ११००२५ व राष्ट्रीय बाजार, नियन्त्रित बाहर  
पर दिल्ली ११००१६, नियन्त्रित बाहर, नियन्त्रित नियन्त्रित

क्र. नं. १२०१८/Opn/Disas. Bureau/SDRF-192. Dated 15 April 2012

To,  
Shri Anup Singh,  
CIO, L&D,  
Integrated Security and Disaster  
Agencies Mission, New Delhi

**Sub: Req providing of drones for rescue operation by NDRF.**

As you are aware, a rescue operation is presently underway in Triveni hills in Deoghar (Jharkhand) due to malfunctioning of ropeway leading to about 30 miners getting stuck up in cabin in mid-air.

2. It is requested to kindly provide Drones with payload through Start Uav engaged with Agni Mission to undertake rescue and relief operations. Details of the firms so earmarked may please be forwarded by latest means for necessary coordination at various levels.

3. It will be in the fitness of things if the equipment is sent at Ranchi from where it can be further moved to the site by air or road. NDRF contact persons at Ranchi will be (0652) 2503104/265.

(Rajendra Singh)  
Duty Officer SDRF  
For DIG Opn NDRF  
New Delhi

Copy to:

1. Comint 9 BN, NDRF

For info and to provide real assistance in smooth move of the Start Uav upto destination.

163

...and others, as per my view on  
**Directorate General, National Disaster Response Force**  
 73, Max, 7th floor/Ministry of Home Affairs  
 6th floor, Sector 3, Noida, NODC-II Building  
 10, Sector 10, Noida, 201301, New Delhi  
 Ph. No. 22650136, Fax. No. 22650091

No. 1-17014/Opns/Disaster Response/FOU-RDMP-1/201

Dated (April 6, 2022)

**TO WHOMSOEVER IT MAY CONCERN:**

This is to state that following Start Upz have been tasked by Agni Mission to provide Drones with payload to undertake rescue and relief operations in #/# ropeway incident at Trimbak hills in Deoghar (Jharkhand):

1. Raphe mPhair
2. Gurudata Aerospace
3. MyoAir

It is requested that subject to mandatory security checks, unobstructed access to the firms carrying the Drone equipment and accessories be provided to enable their arrival at incident site without delay.

  
 (Rajiv Singh)  
 Duty Officer NDMP  
 For D4G Ops NDMP  
 New Delhi

Copy to:

1. Comdt G Dm NDMP  
 2. Shri Anup Singh, Agni Mission

1. For info and useful please.  
 2. For info and useful please.

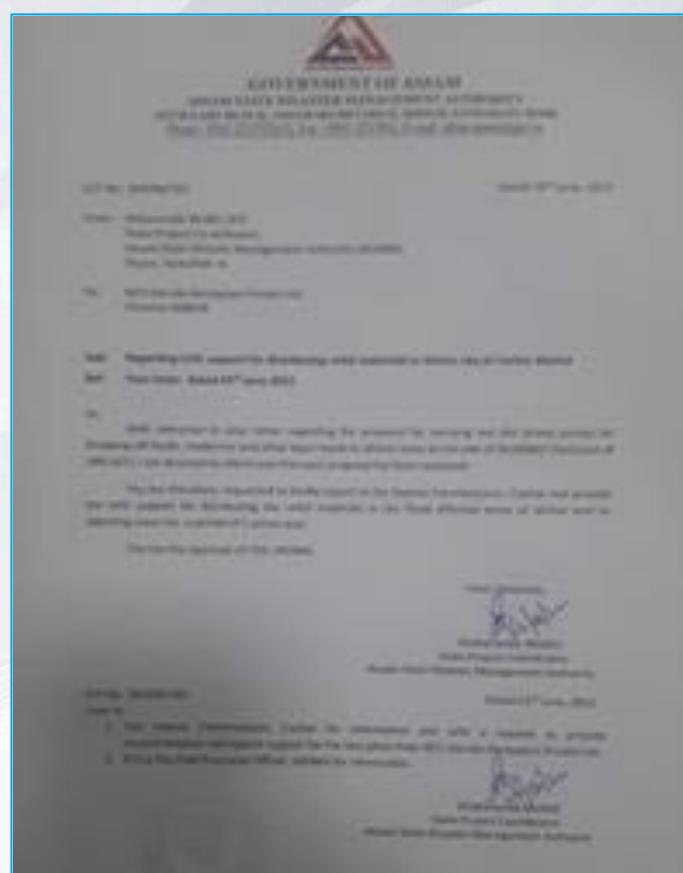
NDRF

OFFICE OF THE DEPUTY INSPECTOR GENERAL/DMRC  
 CENTRAL INDUSTRIAL SECURITY FORCE  
 (MINISTRY OF HOME AFFAIRS)

ISRO

CISF





## Garuda Aerospace's silent National Anthem Campaign embodies patriotism



In a powerful tribute to India's unity in diversity, Garuda Aerospace's special drone pilots and technicians with hearing and speaking challenges created a unique rendition of the National Anthem on Independence Day, reminding the nation that patriotism transcends barriers. Streamed widely across social media, this in-house production is not just a campaign but a profound statement of inclusivity and national pride. Reflecting its broader commitment to empowerment, Garuda runs the Equality Drone Training Programme in partnership with the Bharat Drone Association and the National Drone Pilot Association, a 10-day initiative in Chennai that equips individuals with challenges with essential drone technology skills, with the aim of training 10,000 participants nationwide by 2025 under the guidance of Varsha Kukreti Augustine and Dr. MJ Augustine Vinod. Expressing his pride, Founder and CEO Agnishwar Jayaprakash said, "Watching our team perform the National Anthem stirred something deep within me. This is the real India – where patriotism needs no words, only the passion in our eyes and the pride in our hearts."

## GARUDA IN NEWS



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## GARUDA IN NEWS

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Business News News Defence Indian Army calls Garuda Aerospace expert team for drone modification

**Indian Army calls Garuda Aerospace expert team for drone modification**

ETMS - Last updated: Aug 24, 2022, 07:21:08 PM IST

**Synopsis**  
"Garuda Aerospace has created significant traction by deploying drones for unique applications to support the Indian Army and now will be using multipurpose drones for strategic and tactical operations," Garuda Aerospace founder and CEO Agnishwar Jayaprakash said.



**The Indian Army** has asked the technical team of Chennai-based **drone** maker **Garuda Aerospace** to modify drones for security needs, said a top company official.

"Garuda Aerospace has created significant traction by deploying drones for unique applications to support the Indian **Army** and now will be using multipurpose drones for strategic and tactical operations," **Garuda Aerospace** founder and CEO Agnishwar Jayaprakash said.

The army has expressed keen interest to utilise Garuda Aerospace's expertise and technical knowledge in the field of drone technology to use drones more effectively in modern day warfare, he said.

## GARUDA AEROSPACE TO OFFER MULTIPURPOSE DRONES TO ARMY

**Chennai, Aug 25:** Drone startup Garuda Aerospace would be offering its multipurpose drones for strategic and tactical operations of the Army, the company said on Thursday. Garuda Aerospace has been invited by the Army to dispatch its technical team to undertake the modification and help them maintain timeline and operations while performing their duties.

The Army has evinced keen interest to utilise Garuda Aerospace expertise and technical knowledge in the field of drone technology to use drones more effectively, the company said in a statement here.

The Army intends to further the usage of drones in its day-to-day activities as well as bolster effectiveness of special missions by detecting and disrupting transnational organised criminal networks, it said.

"Garuda Aerospace has created significant traction by deploying drones for unique applications to support the Indian Army and now will be using multipurpose drones for strategic and tactical operations. The collaboration will also help us in meeting defence requirements," company Founder and CEO, Agnishwar Jayaprakash said. "Our drones are designed with artificial intelligence and machines which have rapid learning," he said. —PTI

**Garuda 'Make in India' tactical drones to fortify national security**

**OUR BUREAU**  
Chennai, August 24

The Indian Army has expressed interest to utilise the expertise and technical knowledge of the Garuda Aerospace Pvt Ltd, the Chennai-based drone company, to use drones more effectively in modern-day warfare, says a company release.

The company has been invited to dispatch their technical team to undertake the modification and help the army maintain timelines and operational tempo whilst executing their duties towards the nation. The Army also intends to further the usage of drones in integral day-to-day activities as well as bolster effectiveness of special missions by detecting, deterring, and disrupting transnational-organised criminal networks.

**Multiple purposes**  
Garuda Aerospace will analyse the practices and propose a solution using their 'Make in India' drones to decrease the vulnerability of Indian soldiers and manual labour involved by providing reconnaissance, logistic support, the release said.

Agnishwar Jayaprakash, Founder and CEO, Garuda



Aerospace, said that the company has created a significant traction by deploying drones for unique applications to support the Indian Army and now will be using multipurpose drones for strategic and tactical operations.

"This collaboration will also help in meeting defence requirements and enable big companies like us to leverage our expertise," he said.

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Posted at: Oct 15 2022 9:23PM

**Garuda Aerospace signs MoU with NDRF**



Bengaluru, Oct 15 (UNI) Garuda Aerospace Pvt Ltd, one of India's leading drone startups, signed an MoU with National Disaster Response Force (NDRF) to impart comprehensive disaster management training.

Garuda Aerospace is the first ever startup to be enlisted as a Drone-as-a-Service (DaaS) partner for a year by the NDRF.

Quadcopter consumer camera drone 'Droni' launched by cricketer Mahendra Singh Dhoni will be deployed to support the NDRF officials.

Garuda Aerospace will also continue to deploy different types of drones like video surveillance drones, emergency supply drones, delivery drones, stringing drones to transport electric cables, and tunnel inspection drones to support NDRF officials across the country like it has done in the past.

## GARUDA IN NEWS

# Drones from Tamil Nadu head to Turkey for rescue efforts, medicine supply

**Sangeetha Kandavel**  
CHENNAI

To support the ongoing relief and rescue efforts in Turkey that have left thousands dead and several thousands missing, the National Disaster Response Force has requested Chennai-headquartered Garuda Aerospace to provide its DGCA-approved drones for disaster management operations.

Garuda Aerospace will deploy its Droni drone for surveillance in the most affected areas to identify victims trapped under rubble and a modified Kisan drone which will carry payloads that will help transport emergency medicines, supplies and food for victims.

Agnishwar Jayaprakash, founder and CEO, Garuda Aerospace, said, "Given the current situation in Turkey, Garuda Aerospace is deploying drones to sup-



**Need of the hour:** Residents searching for victims and survivors amidst the rubble of a collapsed building in Latakia, Syria. AFP

port the ongoing rescue and relief operations. We have sent two of our drones."

Earlier, Garuda Aerospace deployed drones for rescue and relief operations during the Chamoli glacier burst in Uttarakhand and played a huge role by supporting the locust control operation in Rajasthan. The firm used emergency drones to deliver medicine and vaccinations to hospitals during the pandemic by partner-

ing with Swiggy. Garuda's White Knight drones delivered medicines and vaccinations in Bengaluru hospitals for ISRO in 2021.

Equipped with 400 drones and over 500 pilots across 84 cities, Garuda Aerospace can support different emergencies.

Former captain of India's national cricket team Mahendra Singh Dhoni had unveiled a camera drone called Droni at The Global Drone Expo in Chennai.

## Dhoni-backed firm launches border patrol surveillance drone 'Trishul'

*Trishul can also be used in times of natural disasters, calamities and emergencies to gain access to real-time images and videos or to gain access to suspicious activities. The drones can also be used to assess traffic situations.*

Photo: Deeksha/HT Photo



*Prototype of border patrol surveillance drone 'Trishul'.*

**CHENNAI:** Leading the way with innovation and first in segment offerings, Garuda Aerospace now announces the launch of Border Patrol Surveillance Drone Trishul.

Launched as Garuda Aerospace's flagship Border Patrol Surveillance Drone, Trishul will empower forces in times of need for monitoring and analysis and people movement.

*Trishul can also be used in times of natural disasters, calamities and emergencies to gain access to real-time images and videos or to gain access to suspicious activities. The drones can also be used to assess traffic situations.*

## In a first, aviation minister Jyotiraditya Scindia flies Indian flag using drone

By HT Correspondent

Aug 17, 2023 03:28 PM IST



The event was jointly organised by the ministry of civil aviation, Bharat Drone Association and Garuda Aerospace as part of the 'Har Ghar Tiranga' campaign of the central government



**Civil aviation minister Jyotiraditya Scindia flies the national flag using a drone.**

Union civil aviation minister Jyotiraditya Scindia on Wednesday flew the Tricolor using drones at prominent locations across Gwalior as part of the central government's 'Har Ghar Tiranga' campaign.

## Garuda Aerospace receives its first order from Isro

**Chennai, April 10:** Drone manufacturer Garuda Aerospace on Wednesday said it has bagged the first order from Isro for the supply of its cutting-edge quadcopter drones.

equipped with Machine Learning and Artificial Intelligence, the quadcopter drones would significantly enhance efficiency across the operations of the Bengaluru-headquartered space agency.

During the Covid-19 lockdown, Isro utilised the services of Garuda Aerospace in 2021 for sanitising its premises using drones, the city-based drone manufacturer said in a press release.

"Receiving an order

**Isro utilised the services of Garuda Aerospace in 2021 for sanitising its premises**

from the esteemed Indian Space Research Organisation marks a monumental achievement for us. It showcases our dedication and relentless pursuit of excellence," Garuda Aerospace Founder and CEO Agnishwar Jayaprakash said.

"We firmly believe that drones and Unmanned Aerial Vehicles will play a pivotal role in the space sector. Our partnership with ISRO not only validates our credibility but also solidifies our position as industry leaders," Jayaprakash added.

—PTI

## ABOUT GARUDA AEROSPACE



Garuda Aerospace has played a pivotal role to bridge the gap between technological innovation and on-the-ground agricultural practices. They engaged with farmers, addressed their concerns and fostered a collaborative environment that promoted the sustainable adoption of drone technology in Indian agriculture. They have also contributed to develop cutting-edge technologies and solutions in response to the challenges in the aerospace and defense sectors.

Garuda Aerospace became the first Drone company in history to get DGCA (Directorate General of Civil Aviation) approvals for Type Certification and RPTO (Remote Pilot Training Organisation) for their indigenously designed Kisan Drones. Kisan drones served multiple purposes like reduction of crop loss, health monitoring of crop and yield measurement with the latest manufacturing capacities. They are also the recipient of the maiden drone loan by Agri Infra Fund for Made in India Kisan Drones which aids farmers purchase drones.

Honorable Prime Minister, Narendra Modi ji virtually inaugurated Garuda Aerospace's 110,000 sq feet manufacturing facility in Gurgaon. He flagged off Kisan Drone Yatra in 100 Indian villages. This facility is a hub for drone software design, hardware structural testing, type certification and manufacturing capacity.

Their Drone Skilling and Training Virtual E-Learning Platform at the Chennai manufacturing facility was inaugurated by Union Minister for Youth Affairs & Sports, and Information & Broadcasting, Government of India, Shri Anurag Singh Thakur. Garuda Aerospace has received authorization for RPTO from DGCA for Small and Medium Class drones as well. This authorization is enabling Garuda Aerospace to achieve its target of training one lakh youth across India to become drone pilots.

Garuda Aerospace recently launched 'Droni,' a compact small-sized foldable quadcopter nano drone. Named after and backed by MS Dhoni, the renowned cricketer, Droni marks Garuda Aerospace's entry into the Consumer Drone segment.

From grassroots initiatives and collaborations to regulatory milestones and product diversification, Garuda Aerospace embodies the principles of innovation, inclusivity, and self-reliance, aligning seamlessly with the overarching goals of Viksit Bharat.

## ABOUT FOUNDER



**Agnishwar Jayaprakash**  
**Founder - CEO**  
**Garuda Aerospace**

Hailing from Chennai, India, Agnishwar Jayaprakash is the Founder and CEO, Garuda Aerospace, India's largest drone start-up and an entrepreneur who has been making rapid strides in the Global Changemakers Community. Agnishwar Jayaprakash finished his education from Chettinad Vidyaashram school, Chennai. Later completed Business Strategy at Harvard Business School. Founded Ignite-India, a revolutionary innovation ecosystem established in over 70,000 schools and colleges across India. Over the last 7 years, his advocacy through various initiatives has been instrumental in implementing real-time solutions in rural and semi-urban communities. The United Nations recognized the ecosystem as one of the Top 10 socio-economic initiatives in 2016. He is also a former international swimming champion and an Asian gold medallist.

As an alumnus of the Harvard Business School and having served in the UN under Assistant Secretary General Madam Lakshmi Puri, Agnishwar Jayaprakash had been preparing many impact reports on the power of youth and emerging technology. He wondered how impactful the unison would be, especially in a developing country like India. India is home to the largest youth population in the world. If the full potential of Drone tech could be leveraged, he knew the powerful combo could be used to disrupt multi-billion dollar sectors which is precisely what Garuda is executing today. Founded in 2015 with a team of 5, he has scaled Garuda Aerospace to a 250+ member team having the largest drone fleet in India with over 400 drones and 500 pilots operating in 84 cities.



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