SARUS AEROSPACE PVT. LTD.

COMPANY PROFILE

Indigenous Unmanned Aerial Systems & Aerospace Manufacturing

Design, engineering, precision manufacturing and system integration under one roof — building reliable, mission-ready UAVs and defence-grade aerospace components for India and the world.

Belagavi, Karnataka, India · Founded 2022 · Incorporated 2023

About Sarus Aerospace

Sarus Aerospace Pvt. Ltd. is an Indian aerospace technology and manufacturing company, founded in 2022 and incorporated in 2023, specializing in advanced Unmanned Aerial Systems (UAS), defence-grade aerospace components, and mission-ready solutions. With integrated in-house capabilities spanning design, engineering, precision manufacturing, and system integration, we transform concepts into reliable, high-performance products. From indigenous drone platforms and Plug-and-Play (PnP) kits to critical aerospace structures, subsystems, and customized manufacturing solutions, we serve defence, government, and industrial sectors with a strong commitment to innovation, self-reliance, and advancing India’s aerospace capabilities.

OUR VISION

To become a globally trusted aerospace manufacturer by delivering innovative, reliable, and fully indigenous unmanned aerial systems and aerospace components that set new benchmarks in performance, quality, and operational excellence.

We aspire to build a world-class manufacturing ecosystem where advanced engineering, indigenous innovation, and precision manufacturing come together to create products that proudly represent Made in India on the global stage.

OUR MISSION

To design, develop, and manufacture world-class unmanned aerial systems and aerospace components that are reliable, lightweight, intelligent, and easy to operate.

Through continuous innovation, indigenous manufacturing, and customer-centric engineering, we aim to deliver cost-effective, mission-ready solutions for defence, government, industrial, and commercial sectors across the world. Our commitment is to become a trusted global partner in aerospace innovation.

Our Team



Mr. Rahul Patil

Founder & CEO

8 years of experience · BE Aeronautical



Ms. Akshata Suryawanshi

Director

5 years of experience · M-Tech Computer Science



Mr. Sachin Patil

System Engineer

3 yrs 6 mo · Lead, Avionics



Mr. Mahesh Fadake

System Engineer

3 yrs 5 mo · Head, Testing & Training



Mr. Brijeshkumar Koparde

Sales Manager

27 years · Leads Sales



Mr. Dinesh Shalapakar

Trainee Engineer

1 year · Avionics Dept.



Mr. Akash Doddamani

Trainee Engineer

2 yrs 10 mo · Composite Manufacturing



Mr. Jotibha Patil

System Engineer

3 yrs 6 mo · Lead, Integration & Mfg.



Mr. Prashant Patil

Trainee Engineer

2 years · Composite Manufacturing



Mr. Rupesh Fadake

Trainee Engineer

1 yr 8 mo · Composite Manufacturing

TEAM SIZE — 37

Design · Electronic Component Development · Composite Manufacturing · Software Development · Testing, Integration & Validation

Sarus Capability



PCB Design & Electronic Parts Development



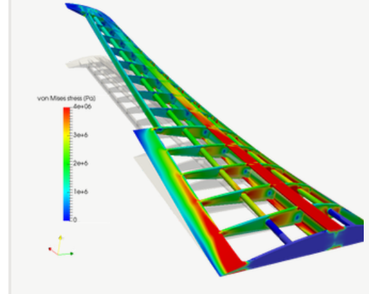
Composite Carbon Fiber Manufacturing



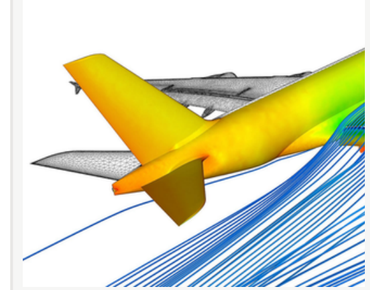
CNC Router, Laser Cutting & Punching



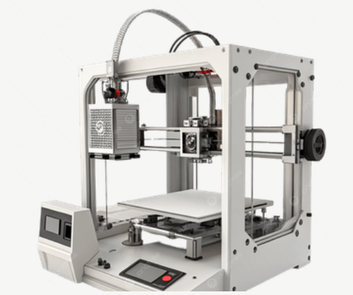
Ultrasonic Welding



Design



Prototyping



3D Printing



Painting



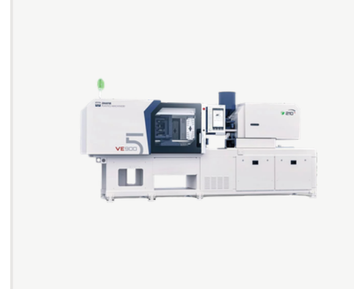
Mold Making Facility



Software Development Facility



CNC Machining Facility



Plastic Injection Molding Facility

SHOURYA

SPECIFICATION

Material	High-strength carbon fiber composite, Kevlar, aerospace-grade aluminium
Fuselage height	419 mm
Fuselage length	1758 mm
Transport box size	1420 × 430 × 470 mm
Take-off & Landing Mode	VTOL
MAX all-up weight	22 kg (with 5 kg payload)
Cruise speed	18–25 m/s
Endurance	90 min (with 5 kg payload)
Ceiling altitude	1000 m AGL
No. of engines / motor	4+1
Battery capacity	22Ah – 50Ah
Propeller details	24×6.8, 20×12



MADE IN INDIA

Indigenous design and manufacturing — Atmanirbhar Bharat platform.

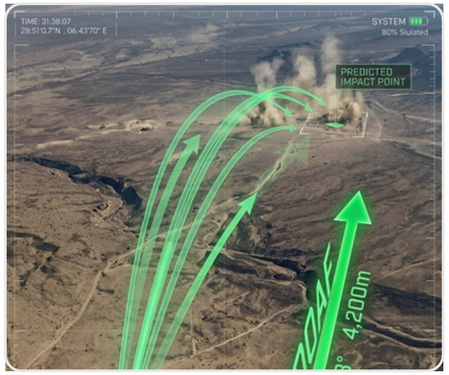
Value Proposition

5000 m (MSL) Max Altitude	5 kg Max Payload	Tool-less Assembly	97% Indigenous Components	Field-ready Compact Transportation	Feature equipped Parachute Recovery	90 min @ 5 kg load Endurance
-20°C to +55°C Operating Temperature	12 m/s Wind Resistance	110 km/h Max Speed	Resistant GPS Jamming / Spoofing	Compatible Multi-Application	Anti-radar paint, 40% Radar Detection	3 m Wingspan

Applications



KAMIKAZE



SURVEILLANCE



DOOAF



DELIVERY



TRAINING

CIVIL & INDUSTRIAL APPLICATIONS

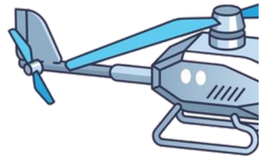
- Aerial Surveying and Mapping
- Infrastructure Inspection
- Agriculture and Forestry Monitoring
- Industrial Asset Inspection
- Medical and Emergency Logistics
- Disaster Management and Search & Rescue
- Environmental Monitoring
- Mining and Quarry Monitoring
- Power Line and Pipeline Inspection
- Coastal and Maritime Surveillance

DEFENCE & SECURITY APPLICATIONS

- Intelligence, Surveillance and Reconnaissance (ISR)
- Border and Perimeter Surveillance
- Tactical Reconnaissance
- Battlefield Situational Awareness
- High-Altitude and Mountainous Terrain Reconnaissance
- Search and Rescue Support
- Navigation and Electronic Warfare Systems Evaluation
- Defence Payload Integration and Testing

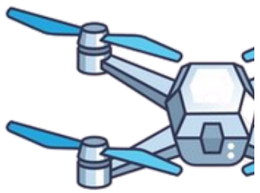
Customization & Manufacturing Partnership

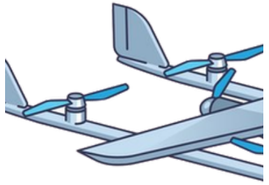
DRONE TYPES WE ENGINEER & MANUFACTURE


SINGLE ROTOR


TRICOPTER


HEXACOPTER


QUADCOPTER


FIXED WING
HYBRID VTOL


FIXED WING ROTOR


STRIKE DRONES


LOITERING


FPV DRONES


STEALTH


RECON DRONES


SWARM


NAVAL DRONES (USV)


EW DRONES


HALE DRONES


AI DRONES


SUPPLY


COUNTER DRONES

CONCEPT & DESIGN

- Requirement Analysis & Consultation
- Feasibility Study & Concept Development
- System Architecture & Design
- Engineering Design & Simulation

DEVELOPMENT & VALIDATION

- Prototype Development
- Component Development & Integration
- Ground Testing & Validation
- Flight Testing & Performance Optimization
- Design Refinement & Qualification
- Certification & Regulatory Support

PRODUCTION & LIFECYCLE

- Production Engineering & Industrialization
- Pilot Batch Manufacturing
- Serial Production & Contract Manufacturing
- Quality Assurance & Acceptance Testing
- After-Sales Support & Continuous Improvement

Full product lifecycle partnership — from concept to certification, scalable manufacturing, and long-term support. Sarus Aerospace partners with OEMs, defence organisations, and industrial customers to transform requirements into customized UAV solutions.

Target Customers

INDIAN ARMY

INDIAN NAVY

INDIAN AIR FORCE

CRPF

SURVEY OF INDIA

WILDLIFE CONSERVATION

CISF

Indian COAST GUARD

AGRICULTURE

NHAI

INFRASTRUCTURE

INDIAN POLICE SERVICES

FISHERY SURVEY OF INDIA

LOGISTICS

Let’s Build What’s Next

From indigenous UAVs to mission-critical aerospace components — Sarus Aerospace is ready to partner on your next defence, government, or industrial program.

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