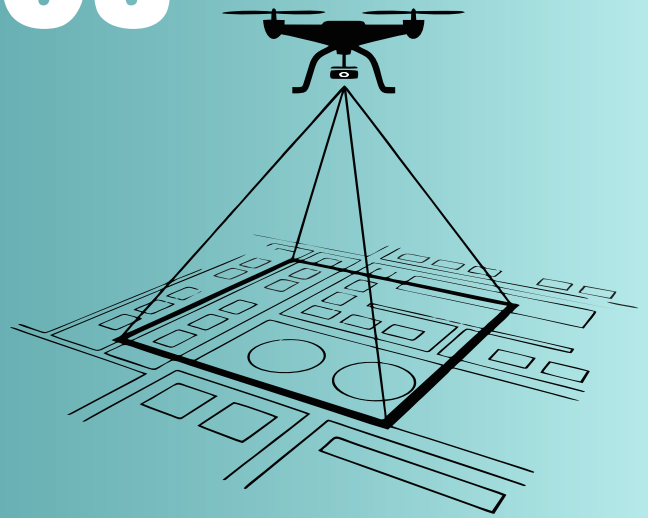
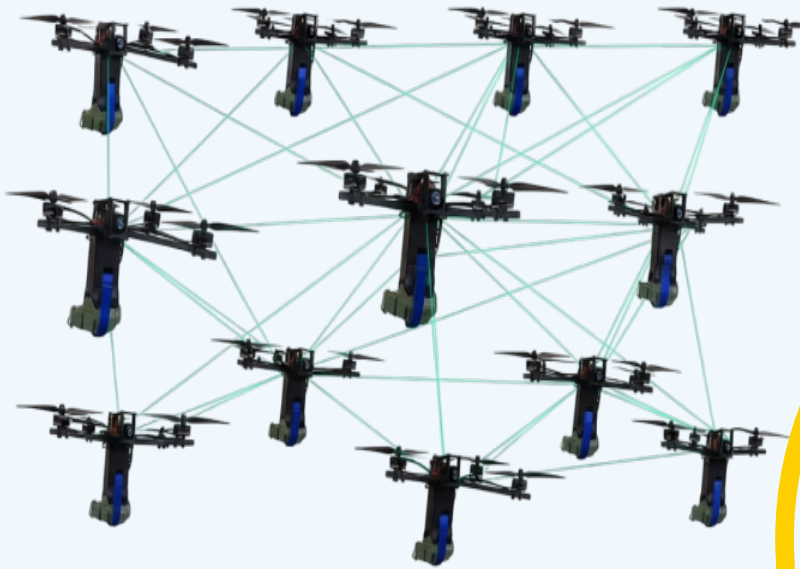


# Farata Technologies Private Limited

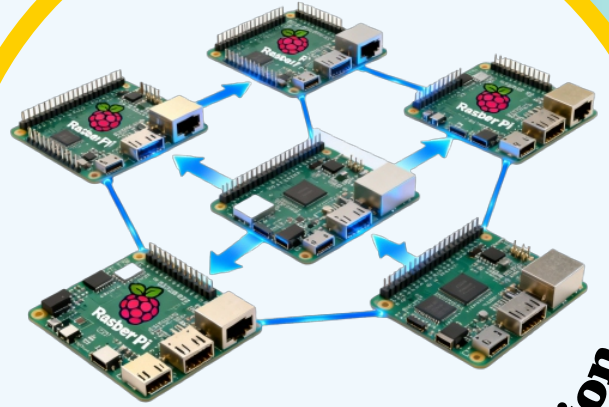


**"Empowering India's Armed Forces with Next-Gen  
Aerial Solutions for Modern Warfare "**





**Swarm Drones System**



**Mesh Communication**

# MOKSH SENA-4650

## Technical Specifications

Endurance: upto 25 min

Flight & Live video: Upto 10 km

Payload: Upto 1 Kg

Max Speed: 70km/h

All-Up Weight:  $\leq 3$  kg

Operating Temperature:  $-10^{\circ}$  to  $50^{\circ}\text{C}$

Operating Alt.: 5000 ft AGL / 16000 ft AMSL

Recover Method: Precision VTOL

Wind Resistance: 20 km/h



**Single Grenade Dropper**

Launch Method: VTOL

Failsafe: Auto RTH

Deployment Time:  $< 15$  min

### Camera Specs:-

- Analog Camera
  - Resolution:- 1800TBL
  - CMOS lens
- Or according to choice of drones in swarm



**ISR QUAD DAY/NIGHT/THERMAL**



# **BAAZ - 4117**

Observe More, Anywhere, Anytime

## **Technical Specifications**

**Endurance: Upto 40 min**

**Flight & Live video: upto 5km**

**Payload: upto 1.5 Kg**

**Max speed: 36 km/h**

**Wind Resistance: 15 km/h**

**Camera: Day & Night / Thermal**

**Failsafe: Auto RTH & Recovery**

**Deployment Time: <5 min**

**Operating Temp: -10°C to +50°C**

**Operational Alt: 5000 ft (AGL)  
/ 16000 ft (AMSL)**

### **Camera Specs:-**

- Day camera parameters
- Camera Zoom : 4X Electron magnification
- Resolution- 2560\*1440 @30fps
- 2K high Resolution
- Three Axis Stabilization
- TI camera parameters:-  
Resolution- 384\*288

### **Other Features:-**

- Geofencing capability
- Obstacle Avoidance Sensors
- Ground control unit with perimeter display screen
- Integrated alarm system



**ISR HEXA LONG-RANGE**



# GANDIVA-8987

Fly Farther. Connect Smarter. Perform Better.

## Technical Specifications

**Endurance: Upto 40 min**

**Flight & Live video : Upto 5km [Ver-I]  
: Upto 20km [Ver-II]**

**Payload: upto 2 kg**

**Max speed: 50km/h**

**Operating Temp: -10° C to 50°C**

**Wind Resistance: Upto 18 km/h**

**Camera: Day & Night / Thermal**

**Navigation System: GNSS**

**GCS: Smart TX, Dual-Band**

**Failsafe: Auto RTH & Recovery**

**Operating Alt.: 5000 ft AGL  
/16000 ft AMSL**

**Deployment Time: <5 min**

## Camera Specs:-

- 2K Quad High Definition (QHD)
- 30x hybrid zoom
- 10x Optical zoom
- 3-axis Stabilization
- Starlight Night Vision
- Resolution: 2560\*1440p

## Other Features:-

- Geofencing capability
- Obstacle Avoidance Sensors
- Ground control unit with perimeter display screen
- Integrated alarm system



**COAXIAL FOR HIGH ALTITUDE**



# **PINAAK - 4159**    **VERSION-1**

Fly Beyond Limits. Operate Without Boundaries.

## **Technical Specifications**

**Endurance: Upto 50 min**

**Flight & Live video: Upto 10km**

**Payload: Upto 3 Kg**

**Max speed: 50km/h**

**Operating Temp: -10°C to +50°C**

**Wind Resistance: Upto 18 km/h**

**Camera: Day/Starlight (4K)**

**Altitude: Upto 3 Km**

**Failsafe: Auto RTH & Recovery**

**Deployment Time: <5 min**

**Operational Alt.: 1500 m AGL  
/2300 m AMSL**

### **Camera Specs:-**

- Day camera parameters
- Camera Zoom : 4X Electron magnification
- Resolution- 2560\*1440 @30fps
- 2K high Resolution
- Three Axis Stablization
- TI camera parameters:-  
Resolution- 384\*288

### **Other Features:-**

- Geofencing capability
- Obstacle Avoidance Sensors
- Ground control unit with perimeter display screen
- Integrated alarm systemn



**COAXIAL ANTI-JAM QUAD**



# **PINAAK - 4159** VERSION-2

Fly Beyond Limits. Operate Without Boundaries,

## **Technical Specifications**

**Endurance: Upto 40 min**

**Flight & Live video: Upto 10km**

**Payload: Upto 3 kg**

**Max speed: 50km/h**

**Operating Temp: -10°C to +50°C**

**Wind Resistance: Upto 18 km/h**

**Camera: Day/Starlight (4K)**

**Altitude : Upto 3 Km**

**Failsafe: Auto RTH & Recovery**

**Deployment Time: <5 min**

**Operational Alt.: 1500 m AGL  
/2300 m AMSL**

## **Camera Specs:-**

- Day camera parameters
- Camera Zoom : 4X Electron magnification
- Resolution- 2560\*1440 @30fps
- 2K high Resolution
- Three Axis Stabilization
- TI camera parameters:-  
Resolution- 384\*288

## **Other Features:-**

- Geofencing capability
- Obstacle Avoidance Sensors
- Ground control unit with perimeter display screen
- Integrated alarm systemn



**LOGISTICS**



# VAJRA - 4253

Long Range. Secure Link. Precision Delivery.

## Technical Specifications

**Endurance: Upto 20 Min**

**Flight & Live video: Upto 5km**

**Payload: 6 Grenade Dropper / or Upto 8kg**

**Max speed: 30km/h**

**Wind Resistance: Upto 10 km/h**

**Camera: Day & Night Thermal**

**Failsafe: Auto RTH & Recovery**

**Deployment Time: <15 min**

**Operating Temp: -10° C to 50°C**

**Operational Alt.: 800 m AGL  
/1600 m AMSL**

## Camera Specs:-

- Day camera parameters
- Camera Zoom : 4X Electron magnification
- Resolution- 2560\*1440 @30fps
- 2K high Resolution
- Three Axis Stablization
- TI camera parameters:-  
Resolution- 384\*288

## Other Features:-

- Geofencing capability
- Obstacle Avoidance Sensors
- Ground control unit with perimeter display screen
- Integrated alarm systemn

# Explore Our FPV Range



## Camera Specs:-

- Analog Camera
- Resolution:- 1800TBL
- CMOS lens
- Digital Camera
- Resolution:- 2k with 60fps

# FPV 3"

Train Like a Pro with Our 3" FPV Trainer!

Endurance: Upto 15min

Flight Range: 3 to 5km

Payload Capacity: 100g to 300g

Max speed: 72 km/h

Mode:- Angel , RTH , Guided & Pos-Hold

Failsafe: Battery / Comm Failsafe

FPV System: Digital

Operating Temperature: -10° to 50°C

Operating Alt.: 5000 ft AGL/16000 ft AMSL

# FPV 5"

Built for Speed and Smooth Freestyle!

Endurance: Upto 20min

Flight Range: 3 to 5km

Payload Capacity: 300g to 500g

Max speed: 79 km/h

Mode:- Angel, RTH , Guided & Pos-Hold

FPV System: Digital & Analog

Operating Temperature: -10° to 50°C

Operating Alt.: 5000 ft AGL/16000 ft AMSL

Failsafe: Battery / Comm Failsafe



## Camera Specs:-

- Analog Camera
- Resolution:- 1800TBL
- CMOS lens
- Digital Camera
- Resolution:- 4k with 60fps

# Explore Our FPV Range



## Camera Specs:-

- Analog Camera
- Resolution:- 1800TBL
- CMOS lens

# FPV 7"

Max Endurance, Max Performance!

Endurance: Upto 25min

Flight Range: 3 to 5km

Payload Capacity: Upto 500g

Max speed: 79 km/h

Mode:-Angel, RTH , Guided & Pos-Hold

FPV System: Digital & Analog

Operating Temperature: -10° to 50°C

Operating Alt.: 5000 ft AGL/16000 ft AMSL

Failsafe: Battery / Comm Failsafe

# FPV 10"

Max Endurance, Max Performance!

Endurance: 25min (without Payload)

Flight Range: 3 to 5km

Payload Capacity: Upto 1kg

Max speed: 72 km/h

Mode:- Angel , RTH , WayPoint Mission

FPV System: Digital & Analog

Operating Temperature: -10° to 50°C

Operating Alt.: 5000 ft AGL / 16000 ft AMSL

Manual RTL (On Toggle Switch)



## Camera Specs:-

- Analog Camera
- Resolution:- 1800TBL
- CMOS lens

# Payload Options



**Mini Gimbal  
Camera 4K Ultra  
HD 6X Dig Zoom**



**Optical Gimbal  
Camera 4K Ultra HD  
10X Optical Zoom**



**Optical Gimbal  
Camera 4K Ultra HD  
| 30X Optical Zoom  
180X Hybrid Zoom**



**Day & Night Gimbal  
Camera  
4K Ultra HD  
640\*512 Thermal  
Imaging |  
6X Dig Zoom**



**Day & Night Gimbal  
Camera 2K Quad HD  
384\*288 Thermal Imaging**



**Day & Night Gimbal  
Camera 4K Ultra HD  
| 30X Optical 180X  
Hybrid Zoom  
640\*512 Thermal  
Imaging**



**Grenade  
Dropping  
Mechanism**



**Public  
Announcement  
System**



**Releasing  
Mechanism**



**Search Light**



**Training Drone**



# **ABHYAS - 2000**

From Training to Advanced Missions!

## **Technical Specifications**

**Endurance: upto 45 min**

**Flight & Live video: upto 3km**

**Max Speed: 25km/h**

**Mode: Manual & Auto**

**Operating Temp: -10° to 50°C**

**Operating Alt.: 3000 ft AGL/14000 ft AMSL**

**Wind Resistance: 12 km/h**

**Control Mode: Line-of-Sight**

**Obstacle Avoidance Sensors**

**Failsafe: Auto RTH & Recovery**

**Deployment Time: <5 min**

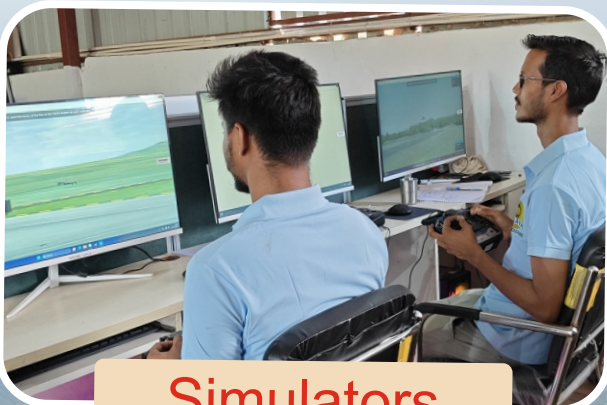
# DGCA Approved Remote Pilot Certification



#36/2025

Special Discount for Combo with  
FPV Flying & Assembly Course

- Remote Pilot Training Of 5 Days
- Residential Facility with Meals Available



Simulators



Field Operations

## Special discounted fees for Armed forces

— Fees Per Person —

₹ 20,000 +18% GST

Meals & Accommodation included

₹ 18,000 +18% GST

Meals & Accommodation not included

\*Group discount for more than 5 pax can be offered

## Eligibility

Qualification: 10 th Pass

Age: 18 to 65 years



REGISTER NOW



# FPV

## Flying and Assembly Course

2 weeks training program

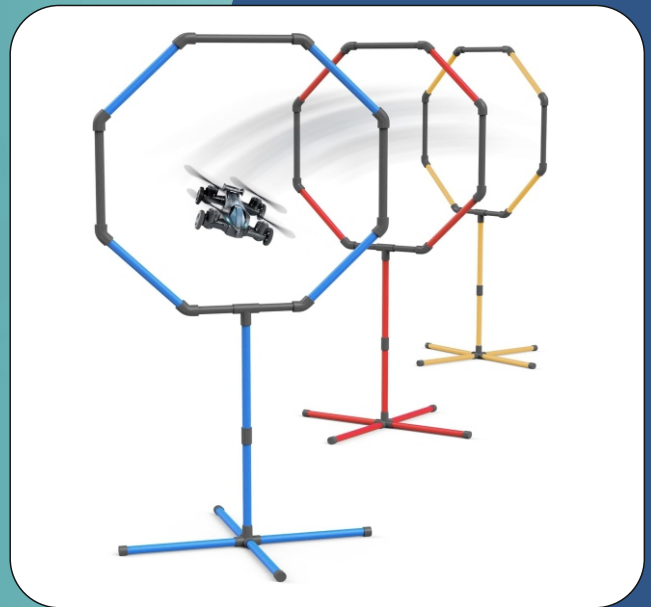
### What You'll Learn

- ✔ Complete FPV drone assembly (frame, ESCs, motors, flight controller)
- ✔ FPV goggles configuration & channel setup
- ✔ Obstacle course training and racing skills
- ✔ Crash diagnostics and on-spot repairs



### Mission-Oriented Training:

- Indoor & outdoor flying with real-time obstacles
- Simulator for multirotor & FPV
- Drone Soccer
- Practice Flying of Both Multirotor & FPV
- Exposure to different FPV types



Fees Per Person

₹ **30,000** +18% GST

Meals & Accommodation included  
Eligibility

### Note:

Programming is not a part of this course

### Note:

Drone Assembly & Flying Course also Available

Special Discount for Combo with RPC Course

### Eligibility

10th Pass

Age: 18+





**Defense Modernization  
& Mission  
Ready Customization**



**Premium  
agricultural  
drones for  
smart farming**



**RPTO and  
special training  
for defense  
personnels**



**Encouraging  
'Aatmanirbhar  
Bharat Abhiyan'**



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