

### 1. Embedded Intern (2 Positions)

Company: Paras Antidrone, Navi Mumbai

Internship Duration: 4–6 Months

Job Role:

- Assist in development and testing of embedded systems for drone and anti-drone products.
- Work on microcontrollers, firmware coding, and debugging.
- Support senior engineers in integrating hardware and software modules.

Skills: C/C++, microcontrollers, basic electronics.

### 2. Technical Assistant Intern (1 Position)

Company: Paras Antidrone, Navi Mumbai

Internship Duration: 4–6 Months

Job Role:

- Support engineering teams in day-to-day technical operations.
- Assist in lab setup, documentation, component handling, and testing activities.
- Coordinate with different teams for project execution.

Skills: Basic technical understanding, MS Office, willingness to learn.

### 3. RF Testing Intern (3 Positions)

Company: Paras Antidrone, Navi Mumbai

Internship Duration: 4–6 Months

Job Role:

- Perform RF module testing as per provided protocols.
- Assist in validation, data recording, and troubleshooting.
- Support RF engineers in setup and measurement activities.

Skills: Basic RF concepts, test equipment knowledge (spectrum analyzer, oscilloscope preferred).

### 4. Drones Intern (2 Positions)

Company: Paras Antidrone, Navi Mumbai

Internship Duration: 4–6 Months

Job Role:

- Work on drone assembly, calibration, field testing, and maintenance.
- Assist in R&D; activities for drone performance improvement.
- Support pilot team for test flights and documentation.

Skills: Basic knowledge of drones, aeromodelling, electronics (added advantage).

#### 5. RF Designer Intern (2 Positions)

Company: Paras Antidrone, Navi Mumbai

Internship Duration: 4–6 Months

Job Role:

- Assist in designing RF circuits and components for anti-drone systems.
- Work with senior RF engineers on simulations and PCB layouts.
- Support testing, tuning, and design improvements.

Skills: RF concepts, circuit design, simulation tools (HFSS, ADS, etc. preferred).

#### 6. Signal Processing Intern (2 Positions)

Company: Paras Antidrone, Navi Mumbai

Internship Duration: 4–6 Months

Job Role:

- Support development of signal processing algorithms for drone detection.
- Work on data analysis, filtering, and real-time implementation tasks.
- Assist senior engineers with testing and validation.

Skills: Python/MATLAB, DSP basics, algorithm understanding.