

Company Description

Paras ANTI-Drone Technologies Private Limited, a subsidiary of Paras Defense and Space Technologies Limited, is committed to delivering innovative RF system solutions such as antennas, radars & radar sub-systems, software defined radios (SDR), TR modules, drone detection & jamming systems, EW systems, SIGNIT, COMINT, radio relays, direction finding systems etc. With years of experience in the defense and aerospace industries, we are dedicated to providing anti-drone technologies, situational awareness, and ISR (intelligence, surveillance, and reconnaissance) systems that meet the evolving needs of our customers. We are located in Mumbai, India.

Website: <https://www.parasdefence.com>

RF Engineer

For our team in Mumbai we are looking for smart people with hands on experience to drive, innovate and develop next generation hardware solutions.

As a RF engineer, you will be working on development of Power amplifier modules, Receiver LNA modules, TRx chains and perform the validation of the RF circuits, systems and submodules

Responsibilities

- Develop RF solutions right from component selection to RF PCB design
- Develop Power amplifier modules, Receiver modules and TRx chains for desired specifications
- Develop Test-bench to test and characterize the systems and sub-systems
- Testing of solution with FPGA/embedded solution and develop control with firmware
- Development/Integration of right power supplies for RF circuits
- Work with all cross-functional teams to understand and develop solutions fitting well with customer requirements
- Validate and Test PCB designs to do functional verification and accommodate improvements in design

Requirements:

- 2+ years of experience in RF subcomponents design and development
- A Bachelor's degree in Electrical Engineering, Electronics and Communication
- Master degree with specialization in RF and Microwave will be given preference
- PA and LNA design experience with RF PCB Design is must
- Strong Experience with RF test, measurement and characterization of RF subsystems
- Hands-on Experience with signal generator, signal analyzer and vector network analyzer
- Strong fundamental knowledge on S parameters, matching and RF design flow
- Simulations knowledge on ADS, AWR, HFSS, CST or other equivalent tools