NanoFlight Workshop Report

1. Introduction

The NanoFlight Workshop provided participants with hands-on training in building an RC transmitter using the nRF24L01 module and Arduino Nano. The workshop emphasized practical knowledge of electronics, programming, and remote control systems. By the end of the session, participants successfully controlled a virtual plane in an RC flight simulation using the transmitter they built.

2. Workshop Highlights

- Participation: Over 40 participants joined the workshop, showcasing a diverse and enthusiastic crowd interested in RC systems and electronics.
- Challenges: Participants faced and overcame technical challenges such as:
  - Debugging Arduino code for joystick input.
  - Ensuring stable data transmission using the nRF24L01 module.
  - Calibrating controls for precise flight simulation performance.

3. Conclusion

The NanoFlight Workshop was a resounding success, achieving its goal of educating participants in RC technology and Arduino programming. It fostered curiosity, technical skill development, and collaborative problem-solving. Successful assembly and testing of an RC transmitter.