

## 31.QUADCOPTER WORKSHOP

IEEE Student Branch College Of Engineering Karunagappally in association with the IEEE NPSS /PELS SBC CEK conducted a Product Design Workshop on 17th October 2019. The event started with a prayer song followed by the IEEE code of ethics. The main aim of organizing this event was to encourage the leadership of junior IEEE members, the session was coordinated by the second year IEEE members and the session was taken to the 1st year students of our institution. Most of the IEEE members of 1st year participated in the event with a count of 50. The workshop was conducted with the intention of imparting the participants with the technical knowledge required to build a quad-copter and get it in a stable flight condition on their own. The duration of the workshop was two days and covered the theory of flight of quad-copters, practical tips in making a quad- copter, the flight control software and algorithms of quad-copter stabilization and also hands-on sessions on Arduino and MPU6050 accelerometer.

