



## Objective

The Radio Controlled (RC) Aeroplane is becoming an integral part of various defense and commercial applications. Applications of RC plane (Drone) cover surveillance, aerial photography, traffic monitoring, surveying and much more. The objective of the workshop is to share expertise of designing and assembling RC plane with student fraternity at large.

## Eligibility

Open for all who have knowledge of basic principles of physics.

## Registration Fee

- INR. 5500 per team (if at least 1 IEEE member in a team)
- INR. 6500 per team (for others)

## Registration Process

Registration fees can to be paid in the form of online/offline transaction to the below mention account.

Account No: 3103 2011 0000 316  
Account Name: MEFGI – Faculty of Engineering  
Bank Name: Bank of India  
Branch: PANCHNATH BRANCH,  
RAJKOT- 360005  
IFSC code: BKID0003103

Registration is open for only 10 teams on first come first serve basis. Registration fees includes RC-Plane kit and free accommodation for outstation participants on prior request and availability.

## Workshop Kit Includes

- |                   |                      |
|-------------------|----------------------|
| • Servo Motor     | • Push Rods          |
| • BLDC            | • Glue Gun           |
| • ESC             | • Cutter             |
| • Control Horn    | • Learning Documents |
| • Linkage Stopper | • Depron             |

# Hands-on Workshop on RC Plane Design

25-27 March, 2016  
Venue: MEFGI, RAJKOT

Organized by  
**Aeromodelling Club,**  
Department of Electronics and  
Communication Engineering,  
Marwadi Education Foundation

## About Aeromodelling Club

It was established by department of Electronics and Communication Engineering in 2012. since its inception the aim of the club is to inculcate the interest in electronics by unveiling the concepts of designing the aeromodels and controlling them by means of wireless remote. This unique club facilitates the students to learn the technology behind designing of RC planes including Multi Rotors.

The student members of the club have represented MEFGI in Aeromodelling competitions held at IIT Madras, IIT Kharagpur, IIT Guwahati and IIT Roorkee. The team had secured 1<sup>st</sup> rank at IIT Guwahati and 4<sup>th</sup> rank at IIT Roorkee and also secured best design award in AVIAN held at UVPCE, Mahesana, Gujarat.

## Faculty Coordinators:

- Mehul Kantaria, Dept. of ECE
- Ravi Butani, Dept. of ECE

## Resource Persons:

- Mr. Virendrasinh Vaghela
- Mr. Bhavik Bhansali
- Mr. Uttam Andipara

## Contact us:

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## Email Id:

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## Registration Form

### Hands-on Workshop on RC Plane Design

Name : \_\_\_\_\_

IEEE membership number (if applicable): \_\_\_\_\_

Institute: \_\_\_\_\_

Email ID: \_\_\_\_\_

Contact No: \_\_\_\_\_

Accommodation Required: Yes / No

Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

Signature: \_\_\_\_\_

Name of other team members

1: \_\_\_\_\_

2: \_\_\_\_\_

3: \_\_\_\_\_

4: \_\_\_\_\_