

Full Throttle



Workshop on RC Engine Cars Design & Development

Do you have the Auto Passion? Do you have the drive to build your own Race Car? Do you want to give impetus to the racer in you? Lot of interested enthusiast does not have the correct knowledge and end up wasting a lot of their effort and Resources in the hunt for RC expertise. We will guide you to the every bit of Detail so that you may build your dream Racing Machine with flair.

Topics to be covered in Full Throttle Workshop

Session 1

- a.) Introduction to Automobiles. (To show the similarities between the real Cars and RC cars).
- b.) Introduction to radio control cars.
- c.) Types of radio control cars.

d.) Components of Radio control cars (overview).

e.) Questioning hour.....??? .

Session 2

a.) Hands-On session (for individual groups).

b.) Detailed explanation on working of component (for individual groups).

c.) RC project ideas and games

Project Work:

Design an Innovative Type of Radio Control Car for real life applications

1.) It can be either drawn with free hand Sketch with Description of the Product.

2.) It can be modeled in any CAD software with description of the Component.

(Additional credit to be given)

Session 3

a.) Details on components to be fabricated.

b.) Basic Tuning Procedures.

c.) Racing Techniques

Session 4

a.) Innovations in RC cars. (Discussion on RC projects submitted by Students and the innovations done in RC cars)

b.) Essential Checks before and after running your RC car.

c.) RC car Quiz for all the participants.

Session 5

a.) How to control RC cars on track.

b.) Basic Stunt show on RC Nitro car.

Duration

The duration of this workshop will be two consecutive days, with eight hour session each day in a total of sixteen hours properly divided into theory and hands on sessions

Certification A '**Certificate of Merit**' by HoriZON (An Unit of MBS Group) to all Participants of this workshop. At the end of this workshop, a small competition will be organized among the participating students and winners will be awarded with a '**Certificate of Excellence**'.

Eligibility

It's a basic level workshop so there are no prerequisites. Anyone interested, can join this workshop.

Fee

Rs. 1000/-(inclusive of all Taxes) per participant