Online ADVANCED TRAINING
10 Days

Starts from Aug 18 | Design & Development of Go Karts

20 hours of intensive and advanced training that focuses on the design and development of a Go Kart right from scratch.

helpline: 9410430424

Click Here to Register

Theory | Calculations | SolidWorks | Autodesk Sketch Book
**Certified Internship Program**
by ISNEE Research & Development Organization

**MODE OF TRAINING :** Online
**Program Name :** Design and Development of Go Kart
**Registration Fee :** Single Registration: Rs 999/- Per Head
Group of 10+: Rs 799/- Per Head
**Available Seats :** 100
**Fee Payment :** Immediately After Registration
**Duration of Internship :** 10 Days (20h)
**Registration Starts :** 16 Jul 2021
**Registration Ends :** 17 Aug 2021
**Training Starts :** 18 Aug 2021

**Who Can Enroll?**
Fresher or engineering student from any academic year; possessing a good sense of engineering, basic knowledge of computer operating systems, and a strong desire for learning the CAD modeling software.
Best for teams and groups focusing to take part in Go Kart Design Competitions.

**Course Content:**

**Day 1:**
- Introduction to Go Kart
- Understanding the Rulebook
- Competition Objectives
- Design Methodology
- Design Requirements
  - Q & A

**Day 2:**
- Design Requirement for Chassis
  - Wheels and Tyres
  - Steering System
  - Brakes
  - Powertrain & Drivetrain
  - Safety Systems
  - Q & A

**Day 3:**
- Wheels & Tyre Selection
- Steering Calculations
- Brakes Calculations
- Transmission Calculations
- Powertrain Selection
  - Q & A

**Day 4:**
- Key Components of Electric Go Kart
- Motor and Battery Selection
- Battery Range Calculations
- Loads on Wheels
- Location of Center of Gravity
  - Lateral Load Transfer
  - Longitudinal Load Transfer
  - Q & A

**Day 5:**
- Wheel Alignment
- Various Steering Setups
- Finalizing Kart Specifications
- Kart Tuning for Various Events
  - Q & A

**Day 6:**
- Introduction to Autodesk Sketch Book
  - User Interface
  - Sketching Tools
  - Software Assisted Sketching
  - Go Kart Concept Sketch
  - Q & A

**Day 7:**
- Introduction to SolidWorks
- 2 D Sketching Tools
- Sketch Features
- Basics of Part Modeling
  - Q & A

**Day 8:**
- Advanced Part Modeling
- Design of Kart Components
- Assignment
  - Q & A

**Day 9:**
- Design of Kart Components
  - Assignment
  - Q & A

**Day 10:**
- Assembly
  - Assignment
  - Q & A

**REGISTRATION LINK:** http://irdo.isnee.in/Programs/Off-Campus-IP.aspx

**PAYMENT PROCEDURE:**
Method 1: Transfer through NEFT/IMPS/UPI directly into the account. Deposit the calculated amount into below mentioned bank account:

- Account Number : 1306021000003387
- Account Name : ISNEE MOTORSPORTS PVT LTD
- Account Type : Current Account
- Branch : Punjab National Bank, Basta
- IFSC Code : PUNB0130600

Upon successful transfer of the amount through NEFT/IMPS/UPI, mail the payment proof/receipt on akshat.singh@isnee.in and mention your name and registration id in the mail.

Method 2: Transfer through online payment gateway (PayUmoney)
If you wish to deposit the fee through payment gateway using net banking/debit card/credit card/upi, you can request for a payment link on WhatsApp (9410430424) or email (akshat.singh@isnee.in). Please note that additional charges of 2.46% would be applicable for the payment gateway convenience fees.

Helpline: Click Here to chat with our executive on WhatsApp