



GKDC Concept Challenge

GKDC Concept is a virtual design competition for the teams aiming to enter the main competition and exposure in the field of vehicle designing and manufacturing. For this category the physical prototype of the vehicle is not required, however, teams can choose to present the physical components/systems/assemblies, if available. GKDC Concept invites participation in both, Combustion Vehicle and Electric Vehicle categories.

The purpose of the GKDC Concept is to provide teams with an opportunity to conceptualize and design a Go Kart in compliance with the GKDC Rules and Guidelines

COMPETITION OBJECTIVE

The objectives of the challenge include the following:

- To provide a platform for students aiming to build a Go Kart for the GKDC
- To assist teams with mentors who will be able to guide them through the process of designing and manufacturing the GKDC
- Act as a platform for students interested in fabricating the competition vehicle without investing huge amount
- To improve the level of teams aiming to take part in the GKDC

COMPETITION PROCEDURE

- The competition is organized by ISNEE Motorsports Private Limited, and shall be hosted online.
- The competition shall be based around the Go Kart (CV/EV).
- The physical prototype of the vehicle is not required, however, teams can choose to present the physical components/systems/assemblies, if available.
- The design and rule guidelines shall be followed from the most recent GKDC Rulebook published on GKDC Website and this Handbook.
- Every evaluation shall be recorded and every report submitted by the teams shall be considered a "Public Report" (Article F4.1 in 12th GKDC Rulebook) and can be reproduced and distributed by the competition organization, in both complete and edited versions, in any medium or format anywhere in the world.
- The events shall also involve its own Q&A session with the relevant judging groups in scheduled time slots.
- Scoring of the events in the competition is done as follows:

Category	Specifics	Points
DSS	Design Spec Sheet + Q&A	50
FMEA	FMEA Report + Q&A	50



Category	Specifics	Points
ENGINEERING DESIGN	Design Report + Design Presentation + Supporting Documents + Q&A	300
COST REPORT	Cost Report + Supporting Documents + Q&A	100
TOTAL		500

REGISTRATION PROCEDURE

- Primary registration of the team can be done on the online [Registration Portal](#).
- For those who intend to make payment via their institution or a private firm, please ensure that you provide the correct details of the Institution Name, Mailing Address and GSTIN. If yes, please share this information with the organizers before being invoiced.
- Team Members Information can be added in the team account any time after successful fee payment before the final event.

REGISTRATION FEE

- The registration fee (non-refundable and non-transferable) of the GKDC Concept is ₹ 16499 + 18% GST.
- For those who intend to make payment via their institution or a private firm, please ensure that you provide the correct details of the Institution Name, Mailing Address and GSTIN. If yes, please share this information with the organizers before being invoiced.

FEE PAYMENT

- Once the primary registration is verified and approved, the team shall receive a confirmation email (from info@isnee.in) on the registered email id. In some cases, this email might be found in the spam box, we advise you to check the spam folder, and add info@isnee.in as a trusted contact if you don't find the mail in your inbox.
- This email contains the Team Account credentials including the Registration ID and Password, teams can login into the Team Account on EMS using this id and password.
- Teams shall receive a Proforma Invoice (PI) within 12 hours of the registration which will remain valid until the fee payment deadline mentioned in this Handbook. Teams can use the following modes to make payment in line with the Proforma Invoice:
 - NEFT/IMPS
 - UPI/GPAY/PHONEPE
 - Payment Gateway (PayU Money) integrated with the Team Account on EMS

PAYMENT CONFIRMATION



- Once the payment is made, the reference can be sent to the [WhatsApp helpline](#) for confirmation.
- Upon the successful confirmation of the fee payment, the team shall receive a Tax Invoice on the registered email.

TEAM MEMBER REGISTRATION

- The maximum number of members in a team is limited to 25; wherein 15 members can be registered without any extra charges while next 10 can only be added after paying ₹ 610 + 18% per member.
- The Team Member Information (TMI) must be completed in the Team Account on EMS on or before the TMI deadline.

TIMELINE

Activity	Date (Tentative)
Primary Registration	03 May 2024
Free Webinar on GKDC Concept 2024	28 July 2024
DSS Submission	20 Sep 2024
Team Member Information	22 Sep 2024
Free Mentorship Sessions	22 Sep – 28 Sep 2024
FMEA Submission	01 Oct 2024
Engineering Design Documents Submission	07 Oct 2024
Cost Report Documents Submission	11 Oct 2024
Online Design Presentation	07 Oct – 16 Oct 2024
Online Cost Presentation	21 Oct – 30 Oct 2024
Awards Ceremony	10 Nov 2024