

HANBEE RC MASTER CHALLENGE 2025

SPEED RACE SHOWDOWN – OFFICIAL RULES & FORMAT

Category: Time-Lap Based F1-Style RC Race

Track Type: 80–100 meter closed-loop racing circuit

Team Structure: 2 players per team | 2 RC cars per team

1. TEAM STRUCTURE & PARTICIPATION RULES

- Each team must consist of **2 members**.
 - Each team must bring **2 RC Cars** (one per player).
 - Each player will participate in **2 matches** → semi → finals.
 - Players must be students from **Class 6 to Final Year of College**.
 - Each participant must bring valid **school/college ID**.
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2. TRACK FORMAT & RACE STRUCTURE

- Track Length: **80–100 meters** (closed-loop racing circuit).
 - Number of Laps: **36 to 50** (depending on registration count).
 - Each match includes **4 to 6 cars from different teams**.
 - Track includes **straights, turns, speed bumps, and corners**.
 - Timing will be measured by stopwatch or lap sensors.
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3. RC CAR SPECIFICATIONS

- **Maximum Speed:** Recommended up to **40 km/h** (too high speed may risk track violations)
 - **Maximum Dimensions:** 25 cm (L) × 25 cm (W)
 - **Maximum Weight:** 2.5 kg
 - **Battery Limit:** Up to 12V DC (Li-ion, LiPo, or SLA allowed)
 - **Motor Type:** Brushed or brushless allowed
 - **Controller Frequency:** 2.4GHz preferred (avoid signal clashes)
 - **Body Type:** Open design or F1-style custom shells are allowed
 - Bonus points for **aesthetic build** and **3D printed design**
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4. SCORING SYSTEM

- Based on **lap completion time**.
 - **Off-track penalty**: -5 seconds per incident.
 - Best lap timing determines winners of prelims.
 - Top teams with fastest timings move to **final knockout round**.
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5. GENERAL RULES FOR PARTICIPANTS

- Only **battery-powered RC cars (max 12V)** are allowed.
 - 2.4GHz remote systems preferred to avoid signal interference.
 - **Manual touching or lifting** of RC car during race is not allowed.
 - **No intentional collisions or pushing** other cars off-track.
 - Participants must stay within the **controller zone**.
 - Repairs are allowed **only between rounds**, not during race.
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6. PRIZES & REWARDS

- 🥇 1st Prize – ₹12,000 + Trophy + Certificate
 - 🥈 2nd Prize – ₹8,000 + Certificate
 - 🥉 3rd Prize – ₹5,000 + Certificate
 - 🏆 All participants receive:
 - Digital Certificate
 - Free Training Resources
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7. REGISTRATION


- 📅 **Last Date to Register**: October 5, 2025
- 🏁 **Event Date**: October 12, 2025 (Sunday)
- 💰 **Entry Fee**: ₹1500 per team


💡 *Early Bird Offer*: Register before **September 15** and pay only **₹1199!**

Late entries (October 2–5) will be charged **₹1799 per team**. - Complete registration via our **Google Form** [<https://forms.gle/1RxsGNpkHdquYgnp9>] - Registration includes: - Team entry in Speed Race Showdown - Access to practice zone (1 hour before event) - Participation certificate

8. CONTACT & SUPPORT

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Get ready to race, compete, and dominate the track. Let the fastest team win! 