CODEAVOUR 6.0
INTERNATIONAL

Innovation Fest for the Next-Gen

Version 1.1, updated on April 28th, 2025

Welcome to Codeavour 6.0 International Showdown

Dear Participants,

We are all excited to welcome you to the International Showdown in Qatar and look forward to seeing your innovative ideas and skills. To ensure that you are ready for the International Showdown, follow the preparation guidelines:

Important Documents for the Event

1. **Plan Your Trip to Qatar [Click]**
2. **Itinerary for International Showdown [Click]**

Get Ready for the International Showdown

Please read the following preparation guidelines to ensure you are fully prepared for the event.

1. **Submit Your Project and Complete Robot Verification:** All participating teams must submit their projects online through their dashboard using the login credentials for codeavour.org, including all required details for Track 1, and complete the robot verification process for Track 2. Please note that any team that fails to finish both the project submission and robot verification before the International Showdown will have its registration withheld.
2. **Bring Necessary Supplies:** For Track 1, ensure you have all essential items, such as your team standees, batteries, and decorations. For Track 2, don't forget to pack motors, wires, batteries, and other necessary equipment. A bag for storing extra items is also recommended.
3. **Stay Hydrated:** Since the event will be lengthy, carry water bottles to stay hydrated throughout the day.
4. **Timely Lunch Breaks:** Lunch will be available at the venue for participants and mentors. Visitors, along with the participants, can purchase meals from the canteen. Please refer to the itinerary for the designated lunch time.
5. **Remain in Your Assigned Evaluation Space:** During evaluations for Track 1 and matches for Track 2, all participants are required to remain in their designated spaces to minimise congestion. Teams must stay until assessments are complete. If teams are absent during their scheduled evaluation, they will be moved to the end of the lineup. Note: Parents and Mentors are not allowed near the evaluation area.

6. **Power Supply Considerations:** Sockets will be available at the venue; however, teams are advised to bring an extra extension cord with a type G Plug or a universal adapter (as shown below).

7. **Plan Your Travel Accordingly:** Make your return travel arrangements in accordance with the provided itinerary. Allow for a buffer time of 1.5 hours after the closing ceremony, accounting for travel time from the venue to the airport.

Registration Guidelines

While you prepare for the competition, make sure you carry the following at the registration desk for a smooth registration procedure:

1. Team Pass (You can download it from the team's dashboard)
2. Unique ID (It can be checked on the team's dashboard)
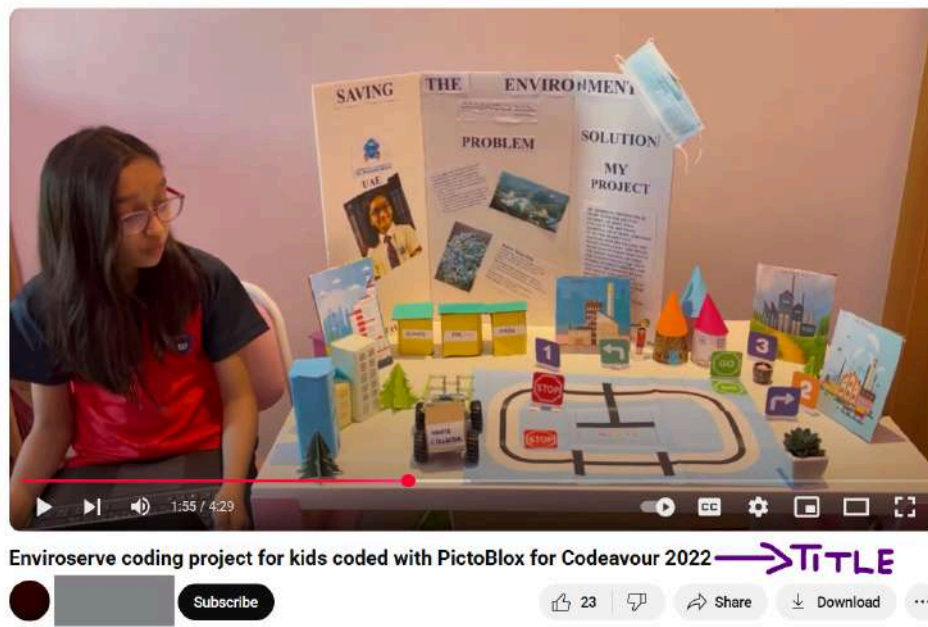3. Team Name with team members and track details

Best Practices for Track 1 - Innovation and Entrepreneurship

The teams participating in Track 1 are required to go through these guidelines before the International Showdown.

1. **Review the Rule Book:** Before attending the International Showdown, please thoroughly read the **[Rulebook for Track 1]**. These guidelines outline the evaluation criteria and key considerations for Innovation and Entrepreneurship.
2. **Submit Your Project:** Ensure that you submit the project details, YouTube video link, and presentation before the International Showdown.

Here are a few tips for the project video submission:
Title of the YouTube Video

Enviroserve coding project for kids coded with PictoBlox for Codeavour 2022 ——▶ TITLE

You can write **YouTube Title in 90 Characters**. Follow this format to name the **Title of your Project YouTube Video**, changing the words mentioned in bold as per your project.

a. If you have **used Quarky** and made a PictoBlox-based project, name your YT Title as:
[*Project Name* | *Hardware Board Name* with PictoBlox | Codeavour 6.0 Project| *Team Name*]

Example: If you have built a **Smart Security System** using **Quarky,** and your team name is **Tech Warriors,** please name the title as:
Smart Security Sytem | Quarky with PictoBlox | Codeavour 6.0 Project | Tech Warriors

b. If you have **not used any hardware** and it is only PictoBlox based project, name your YT Title as:
[*Project Name* | AI-ML Project with PictoBlox | Codeavour 6.0| *Team Name*]

Example: If you have built a **Smart Security System** using **PictoBlox,** and your team name is **Tech Warriors,** please name the title as:
Smart Security System | AI-ML Project with PictoBlox | Codeavour 6.0 | Tech Warriors

How to Change YouTube Title and Description: If you have already uploaded your video to YouTube and want to update the title according to the suggestion, please refer to these **guidelines to update your YouTube Title and Description**.

3. **Project Showcase Banner and Standee:** All teams are requested to have a banner and standee printed for their project showcase. This banner and standee must be displayed in the designated area assigned to each team. The banner needs to be pasted or hung on the table, as there is no provision for a background wall.

   A. **Roll-Up Standee**
      ● **[Project Standee PDF]**
      ● **[Project Standee Canva File]**
      Dimensions - 91.44cm (W) x 182.88cm (H)
      Material: PVC vinyl
      You may use the recommended size and material for your standee printing.
      Here's how you'll place the standee during project setup:

Please do the following things for editing it:
1. Open the link and click on "**use template**" for the new design.
2. Add your project details and images.

3. Add the country partner logo to the top ribbon band.

B. Poster [Poster Link]
You may use the recommended size and material for your banner printing.
Here's how you'll place the banner during project setup:
Setup 1:
- **1x poster and 1x standee**
- **Poster Size: 137.16cm (W) x 60.96cm (H)**
- **Material: PVC vinyl / Fabric Banner**

Setup 2:
- **2x Posters and 1x standee**
- **Posters Size: 84.1cm (W) x 59.4cm (H)**
- **Material: PVC vinyl / Fabric Banner**

4. Table Size for Project Setup: The **table size** for project setup and showcase is **160 cm x 80 cm**. There is no wall beside for sticking any extra banners.

5. Website Designing: Creating a website for the project on free platforms, such as **[Google Sites]** is required for submissions from nationals of the country. This can be done using either a free or paid domain.

6. Project Presentation: Please ensure your presentation is prepared and submitted online. It will be displayed to the judges during the evaluation process. **[Presentation Template]**

7. Bring Essential Equipment: Ensure you have your laptop with you for the project presentation. To prevent any delays, it's also a good idea to bring an extra extension cord with a type G Plug or a universal adapter.

8. Mentors and Parents: During the project evaluation, mentors and parents must sit in the designated area. They are not permitted to be present in the assessment itself, but they can be with the participants during the project setup.

Guidelines and Best Practices for Track 2

Knock-Knock! Hello to all the Champs! We are near the International Showdown of the Codeavour 6.0 Innovation Fest for Next-Gen. We want to ensure that you are all well-equipped and have access to all the necessary resources to prepare effectively. Please find below the key guidelines to get set-go for the Codeavour 6.0 International Showdown:

1. **Understanding the Rules and Arena**
   a. Ensure you have reviewed the Codeavour 6.0 Track 2 Rulebook (Version 2), including the latest updates.
      [20240910 Codeavour 6.0 Track 2 Rules and Regulations V3]
   b. Familiarise yourself with the tasks and scoring criteria to develop a strategic approach.
      [Codeavour 6 Track 2 Score Sheet]
   c. The arena setup at the competition will follow the guidelines outlined in the arena setup guide.
      [Codeavour 6.0 Track 2 Arena Setup Guide]
   d. Only interior lighting will be used to illuminate the competition area where the arena is located.
   e. As specified in the rulebook (page 10), the arena will have a "**Lenovo 300 FHD Webcam.**"

2. **Robot and AI Readiness**
   a. Your robot must meet the competition's specifications, including weight, size, and functional requirements. **(See page no. 24 of the latest rulebook.)**
   b. If you are performing a challenge based on an AI/ML model for object detection, try training your model with sufficient photos of the cubes from different angles under various lighting conditions and thoroughly test it before the event.

3. **Pre-Competition Checklist**
   a. Make sure your robot and device have fully charged batteries.
      To prevent delays, keep extra batteries as a power backup. Also, bring an extra extension cord with a type G Plug or a universal adapter.
   b. Carry spare parts and troubleshooting tools.
   c. Keep a copy of your properly coded and tested program file.

4. **Submission Requirements**
   a. Ensure you have completed all the pre-submissions (code, photos, and videos of your robot) **before** the Submission Deadline of May 11th, 2025.
   b. Only teams with complete submissions are eligible for the international competition round.

5. **Live Competition Readiness**
   a. The team must have their robot verified at the Robot Verification desk during their designated time slot, as per the schedule, before their competition round.
   b. Teams are not allowed to modify their robot after verification. Only charging or replacing parts with identical ones is permitted.
   c. Each team will compete in two rounds, and the highest score achieved across both rounds will be considered the final score.
   d. Each team will have 5 minutes for practice and calibration right before each round.
   e. Be ready for live testing, debugging, and problem-solving, as the competition round will run continuously once the timer starts, with no pauses.
   f. Ensure you collect the Game Cards from the judge before your competition round and return any unused cards afterwards to earn bonus points.
   g. Team members must be ready before their challenge round and maintain discipline throughout the competition.
   h. Mentors, coaches, and guardians are not allowed near the arena during practice and competition rounds. During the practice round, participants must independently calibrate, troubleshoot, and prepare their robots.
   i. Disobeying game rules or displaying improper behaviour may result in team disqualification.

We look forward to seeing your innovative robots in action. We'll see you at the International Showdown on May 16th and 17th, 2025 in **QNCC, Hall No.5, Doha, Qatar**.

Let's Hype Your Victory in Nationals and Arrival in Qatar

As the event approaches, we are ready to see your progress everywhere. This is the time to utilise your social media to create buzz about your victory in the country nationals and your arrival in Qatar. So, let's get started. Don't forget to tag @codevour in your post to get noticed.

Codeavour International's Social Media Handles
- Instagram: https://www.instagram.com/codeavour/?hl=en
- Linkedin: https://in.linkedin.com/showcase/codeavour-international/
- Facebook: https://www.facebook.com/CodeavourInternational/
- YouTube: https://www.youtube.com/@CodeavourInternational
- Twitter: https://x.com/CodeavourOrg

Here are some suggestions for the hype creation for international showdown:
1. Coming to Qatar for the International Showdown, why not show it to everyone? We have created a social media template for you; use it to promote your international visit.

    Click Here👉 **[Participant's Post International Showdown Template]**

    Please do the following things for editing it:
    a. Open the link and click on use template for new design
    b. Add your team picture with your project or robot.

c. Add your **team picture with project**, **write team name** and **country flag** in the allocated space. Choose any one caption from below, and you are good to go, make sure to tage Codeavour International to get featured on official social media of Codeavour.

Suggested Caption:

- My team [team name] just conquered the [Country Name] National of Codeavour 6.0! 🏅 Now it's time to bring my A-game to Doha, Qatar, for the international Showdown! Let's make this finale one for the history books! 🌍💡 #Codeavour6 #FinaleFever #YoungInnovators #Changemakers #Codeavour6InternationalShowdown #codeavourinqatar

- From [country name] National Champ to International contender! [Team Name] is heading to Doha, Qatar for the Codeavour 6.0 International Showdown! 🚀 Let's see who takes the crown in the ultimate coding battle! 💻🔥 #Codeavour6 #InnovationShowdown #YoungInnovators #Changemakers #codeavourinqatar

- Victory in the [Country Name] National of Codeavour 6.0! 🏆 Next stop: Doha, Qatar for the International Showdown! 🚀 My innovation is ready to wow the world. Let's crush this finale! 💡🔥 #Codeavour6InternationalFinale #YoungInnovator #IdeasthatMatter #codeavourinqatar

- [Team Name] became the [Country Name] National Champion of Codeavour 6.0! 🇶🇦 Now off to Doha for the international Showdown! 🌍 My innovation is locked and loaded—who's ready for the grand finale? 🚀💻 #Codeavour6 #InnovationUnleashed #codeavourinternationalshowdown #codeavourinqatar

2. Let's get the **buzz rolling** with your **progress reel!** Show the world your journey with Codeavour 6.0 International from start to final countdown. Here's how our **Young Innovator's Reel** has created the **Buzz, and now it's** your turn.

3. Show your **team's arrival in Qatar;** let's announce to everyone that you're all set to gear up for your spot in the Codeavour 6.0 International Showdown.

4. Let's tell everyone that you're a **finalist;** see how our **National champions announce** their victory.

5. Is your project ready for the ultimate showdown? Let's show the world you are prepared to compete; share **glimpses of your project** by tagging **@codeavour**

6. Do you have more creative ideas? We are all set to see, post your victory, glimpses, project brainstorming sessions, and more. Don't forget to tag codeavour to get noticed.

See You All in Qatar, for the Ultimate Battle
where
We will Crown the Global Champions!