



# HYVE

## SEASON 1

---

Providence College of Engineering,  
Chengannur, Kerala

18-19 FEB 2026

## OVERVIEW

# HYVE

---

HYVE 2026 is a two-day intercollegiate technology festival that brings together innovation, competition, engineering excellence, gaming culture, and mobility showcases under one dynamic platform. Featuring 25+ technical events, industry-focused workshops, national-level eSports tournaments, RC performance shows, an EV Expo, robotics and vintage exhibitions, HYVE marks the launch of a new flagship technical celebration designed to grow in scale and impact each year.

## ABOUT HYVE

# THE VISION BEHIND HYVE

---

HYVE 2026 marks the inaugural season of what is envisioned as an annual flagship technology festival at Providence College of Engineering. Designed to foster technical excellence and competitive spirit, HYVE creates an environment where students move beyond theoretical learning and engage directly with real-world engineering challenges.

Over two immersive days, the campus transforms into a vibrant technology ecosystem. Coding arenas, robotics showcases, competitive gaming tournaments, innovation challenges, and industry-led workshops operate simultaneously, creating an atmosphere of intensity, collaboration, and discovery.

Beyond competitions, HYVE expands into experiential domains with a professional RC Show by Torque7Racing, an EV Expo highlighting advancements in electric mobility, a robotics exhibition demonstrating applied automation, and a vintage bike showcase celebrating mechanical legacy. Curated food partners and interactive experience zones ensure the event is both technically enriching and culturally engaging.

HYVE is built not just as an event, but as a platform – one that will scale in participation, partnerships, and industry integration with each successive season.



Season 1 lays the foundation for an annual flagship technology festival

## FLAGSHIP EVENTS

### VINTAGE BIKE COMPETITION



The Vintage Bike Competition showcases iconic classic motorcycles celebrating heritage, craftsmanship, and timeless design.

19 February 2026

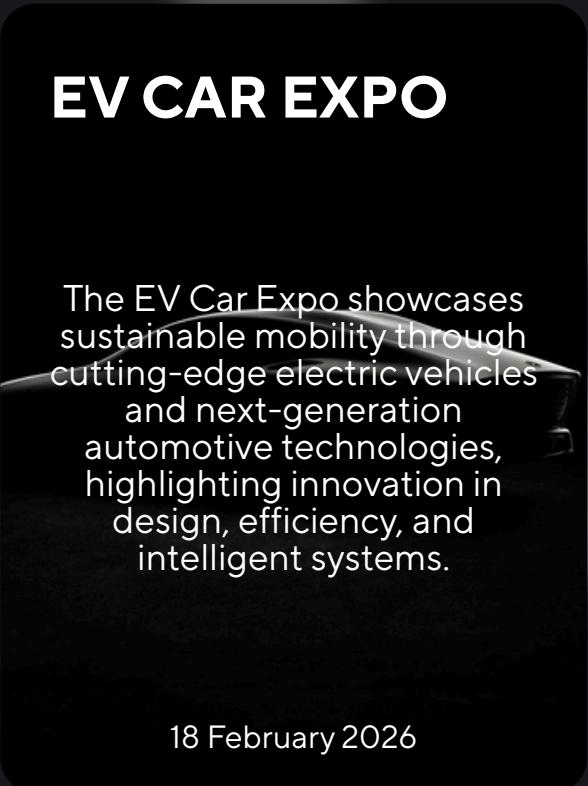
### GAMING ARENA EXPERIENCE



The Gaming Arena at HYVE 2026 is an immersive free-play zone featuring popular and emerging games, offering high-performance setups and a dynamic space for interaction, exploration, and pure gaming enjoyment.

18 & 19 February 2026

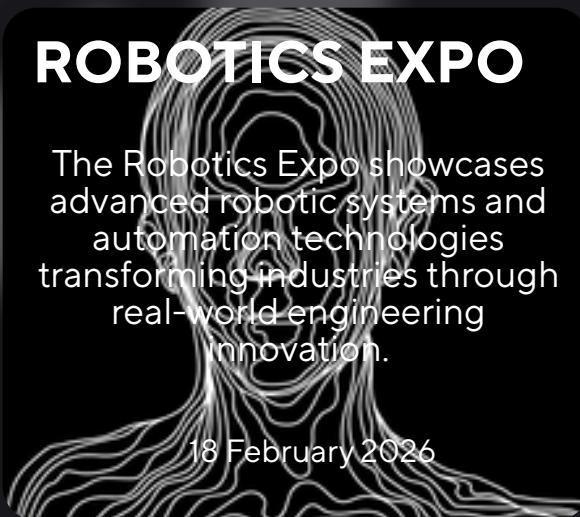
### EV CAR EXPO



The EV Car Expo showcases sustainable mobility through cutting-edge electric vehicles and next-generation automotive technologies, highlighting innovation in design, efficiency, and intelligent systems.

18 February 2026

### ROBOTICS EXPO



The Robotics Expo showcases advanced robotic systems and automation technologies transforming industries through real-world engineering innovation.

18 February 2026

### RC SHOW – TORQUE7RACING



The RC Show powered by Torque7Racing showcases high-speed, precision-engineered RC machines, highlighting the thrill of scale motorsport and technical performance.

18 February 2026

# EVENTS

## IMAGE PROMPTING

Replicate a reference image using precise AI prompts. Focus on lighting, composition, texture, color, and style.

10:00 – 11:00 AM, 18 Feb



**REG-FEE : 20**

**PRIZE POOL**

₹ 1500

## BLIND FOLD CHALLENGE

Integrate three unknown electronic components into a kit. Creativity and technical adaptability are tested.

10:00 – 11:00 AM, 18 Feb



**REG-FEE : 50**

**PRIZE POOL**

₹ 1500

## POWER QUEST - TREASURE HUNT

Collect hidden components across campus and build a working circuit. Coordination and speed are key

10:00 – 11:00 AM, 18 Feb



**REG-FEE : 50**

**PRIZE POOL**

₹ 1750

## BLIND CODING

Code without visual feedback using logic and memory. Accuracy and syntax matter most

11:00 – 12:00 PM, 18 Feb,



**REG-FEE : 20**

**PRIZE POOL**

₹ 1500

### **JAIL BREAKING**

Bypass safeguards of a restricted AI model using creative prompts. Extract a hidden “secret” without triggering refusal mechanisms. Precision and ingenuity are essential.

11:00 – 12:00 PM, 18 Feb



**REG-FEE : 50**

**PRIZE POOL**

₹ 1750

### **ROBOFLOW - LINE FOLLOWING ROBOT**

Assemble a disassembled robot kit and program it to follow a track. Integrate sensors and motors for accurate line detection. Precision, stability, and smooth navigation are key.

01:00 – 04:00 PM, 18 Feb



**REG-FEE : 200**

**PRIZE POOL**

₹ 3500

### **BRIDGE CONSTRUCTION**

Build a model bridge with specified materials. Focus on stability and load efficiency.



**REG-FEE : 50**

**PRIZE POOL**

₹ 1750

01:00 – 4:00 PM, 18 Feb

### **CAPTURE THE FLAG**

Find and exploit vulnerabilities in code, software, or systems. Retrieve hidden “flags” to prove successful breaches. Speed, logic, and cybersecurity skills matter most.

01:00 – 4:00 PM, 18 Feb



**REG-FEE : 50**

**PRIZE POOL**

₹ 1750

## CIRCUIT DEBUGGING

Identify and fix faults in a pre-installed electronic circuit. Logical troubleshooting and restoration are required.

04:00 – 5:30 PM, 18 Feb



**REG-FEE : 50**

**PRIZE POOL**

₹ 1500

## RAPID AI CHATBOT

Build a fully functional AI chatbot using no-code tools. Design conversational flows and system prompts for accuracy and responsiveness. Focus on usability, intuition, and seamless interaction.

04:00 – 5:30 PM, 18 Feb



**REG-FEE : 100**

**PRIZE POOL**

₹ 1750

## AREA CALCULATION

Measure and compute the area of a site using surveying tools. Accurate data recording is essential.

04:00 – 05:30 PM, 18 Feb



**REG-FEE : 100**

**PRIZE POOL**

₹ 1750

## PRECISION SOLDERING

Assemble and solder a PCB accurately. Component placement, neatness, and thermal control are critical.

09:30 – 11:00 AM, 19 Feb



**REG-FEE : 50**

**PRIZE POOL**

₹ 1500

## IDEATHON

Develop a technology-driven solution for a real-world problem. Define functionality, required tech, and audience impact.

09:30 - 11:00AM, 19 feb



**REG-FEE :100**

**PRIZE POOL**

₹ 3500

## DESIGN DEBUGGING

Fix errors in MATLAB/Simulink power system models. Accuracy and logical problem-solving are essential.

09:30 – 11:30 AM. 19 Feb



**REG-FEE :100**

**PRIZE POOL**

₹ 3500

## UNWIRE TO WIN

Remove redundant wires from a circuit without disrupting functionality. Precision and steady execution are needed.

11:00 – 12:30 PM, 19 Feb



**REG-FEE :50**

**PRIZE POOL**

₹ 1500

## VOLT EDGE GAMING ZONE

Complete fast-paced, circuit-based technical challenges. Speed, precision, and reflexes are tested.

11:00 – 12:00 PM, 19 Feb



**REG-FEE :50**

**PRIZE POOL**

₹ 1750

### **MIX MASTER CHALLENGE**

Design, cast, and cure concrete cubes. Compressive strength and adherence to standards matter.

11:00 - 12:00PM, 19 feb



**REG-FEE : 100**

**PRIZE POOL**

₹ 1750

### **CAD CLASH**

Create complete CAD drawings for a residential building. Precision, layout efficiency, and design clarity are key.

01:00 - 04:30 PM, 19 Feb



**REG-FEE : 50**

**PRIZE POOL**

₹ 1500

### **SONIC MAZE**

Navigate a blindfolded maze using a custom ultrasonic sensor and buzzer. Interpret sound feedback to detect walls and map surroundings. Spatial reasoning and careful navigation are critical.

01:00 - 04:30 PM, 19 Feb



**REG-FEE : 50**

**PRIZE POOL**

₹ 1500

### **TREASURE HUNT**

Explore the campus to find and scan hidden QR codes via a web app. Track all checkpoints efficiently. Speed, planning, and coordination determine success.

01:00 - 04:00 PM, 19 Feb



**REG-FEE : 100**

**PRIZE POOL**

₹ 1750

## CAD QUEST

A fast-paced mechanical design competition where participants create precise CAD models from a live technical brief. The challenge tests speed, accuracy, and design skills under pressure

11:00 – 12:00 PM, 18 Feb



**REG-FEE: 50**

**PRIZE POOL**

₹ 1500

## ESPORTS



### BGMI TOURNAMENT

The BGMI Tournament at HYVE 2026 challenges squads to showcase tactical gameplay, coordination, and survival skills in high-pressure battle royale matches. Teams must balance aggression and strategy to dominate and secure victory.

⌚ 19 February 2026

### VALORANT CHAMPIONSHIP

The Valorant Championship brings intense tactical combat where precision, communication, and teamwork are key. Only the most strategic and disciplined squad will outplay opponents and claim supremacy

⌚ 19 February 2026



### E-FOOTBALL TOURNAMENT

The eFootball Tournament delivers a competitive virtual football experience focused on strategy, control, and quick decision-making. Players must demonstrate skill and composure to dominate on the digital pitch.

⌚ 19 February 2026

# WORKSHOPS



## TRUST THE PROCESSOR – IOT & ESP32 MINI PROJECT WORKSHOP

A focused workshop introducing IoT fundamentals and ESP32 architecture through a hands-on mini project. Participants will explore the basics of connected systems and real world embedded applications. Organized by IEEE PRC.

⌚ 18 February 2026

## VR – EV DESIGN WORKSHOP

An immersive workshop exploring electric vehicle design through virtual reality technology. Participants will experience interactive EV modeling, design visualization, and the future of automotive innovation in a virtual engineering environment.

⌚ 19 February 2026



## VELOCITY 2.0 – GAME DEVELOPMENT WORKSHOP

A hands-on game development workshop focused on building interactive experiences using Unity. Participants will explore core design principles, game mechanics, and real time development to create their own playable project. Organized by Mulearn PRC.

⌚ 18 February 2026

## CNC HANDS-ON WORKSHOP

A practical workshop introducing the fundamentals of CNC machining and digital manufacturing through guided hands-on experience. Participants will explore machine operations, precision techniques, and real-world applications of computer-controlled manufacturing systems.

⌚ 19 February 2026

## A FEATURE AREA



### CULINARY ZONE

A defining highlight of HYVE 2026 is its curated culinary zone, powered by **Peni Ice Candy**, **COZY Corner**, and **Calicut Delight**. More than refreshment stalls, these partners elevate the festival atmosphere by creating vibrant social spaces where participants recharge, connect, and celebrate the energy of the event. The food experience is designed to complement the scale and intensity of HYVE, making it not just a technical fest, but a complete campus celebration.

⌚ 18&19 February 2026