



# AVALON

PRESENTS

# TECHFEST 2025

# **ABOUT TEC**

Terna Public Charitable Trust's Terna Engineering College is one of the well known and finest Technical Institutions with 'B++' Grade from Maharashtra Government and having ISO 9001 Quality Management System along With NBA Accreditation and is among the top colleges in Navi Mumbai. Terna offers education of the highest quality with it's curriculum presenting a broad array of exceptional offerings In Engineering And Technological Studies.

# **ABOUT AVALON**

AVALON is the Annual Technical Festival (TechFest) of Terna Engineering College (TEC) that provides a platform for technical aspirants from reputed Institutes and organizations across the nation to showcase their technical knowledge and ideas on a huge platform best suited for them. AVALON has been organizing such events for the past 15 years now and continues to maintain its legacy. The festival manifests the conglomeration of talent, intellect, innovation and competitive spirit of the students.

# ROBO RACE

**PRIIZE POOL  
10000/-\***

- Design and program a robot that can complete the given track quickly while overcoming various hurdles. The fastest and most efficient bot wins!
- Open to all robotics enthusiasts, engineering students, and tech lovers eager to showcase their innovation and technical skills.
- Competition Details:
  - ✓ Teams (2-5 members) or individual participation allowed.
  - ✓ Robots must adhere to the given size and weight constraints.
  - ✓ The track will include speed zones, obstacles, and turns.
  - ✓ The robot completing the track in the shortest time wins!



**DATE**  
**16 March 2025**

**REGISTRATION**  
**Rs 300 per team**

# SOFTWARE HACKATHON

# INNOV8 3.0

Dive into a whirlwind of creativity, problem-solving, and innovation at Avalon's flagship 24-hour hackathon! Bring your coding skills, ideas – it's going to be an adrenaline-fueled journey into the world of technology. Whether you're a seasoned developer or a coding enthusiast, this hackathon is your chance to collaborate, create and code your way to victory.

- Participants will tackle real-world challenges, develop innovative solutions, and showcase their coding prowess.
- Teams will have 24 hours to ideate, design, and build their projects from scratch.
- Expert mentors will be available to provide guidance, support and feedback throughout the hackathon.
- Exciting prizes and opportunities await the top-performing teams, including recognition on Avalon's official platforms.

# SOFTWARE HACKATHON

**PRIZE POOL  
50,000/-\***

: Offline Hackathon: Participants who qualify from the first round will advance to the second round, which will take place offline. They will gather at a designated location where they will receive problem statements tailored to their chosen domain, including

- App/Web Development
- AI/ML
- WEB3
- AR/VR development



**DATE**  
**15–16 March 2025**

**REGISTRATION**  
**Rs 800 per team**  
**(2-4 members)**

# CUBE CASTING

## PRIZE POOL

5,000/-\*

Cube Casting is the ultimate test of precision and engineering mastery, where participants must design and fabricate intricate structures within strict constraints. This competition is a thrilling blend of creativity, strategy, and hands-on skills, pushing contestants to showcase their technical expertise and innovation.

- Achieve the perfect balance of strength, accuracy, and durability in your cube.
- Showcase your fabrication skills in a competitive arena. Test your precision & problem-solving abilities under pressure
- Win exciting prizes & industry recognition



**DATE**  
**17 March 2025**

**REGISTRATION**  
**Rs 150 per team**  
**(1-3 members)**

# CONTACTS

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Avalon Techfest



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