INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of HRD Initiative)
YANTRA
2026
ROBOTICS FEST
GE3KS
ROBOTICS

YANTRA 2026

ABOUT FEST

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YANTRA 2026 is the premier offline robotics fest organized by the Indian Institute of Information Technology (IIIT), Ranchi. This event serves as a high-octane, hands-on platform where students and robotics enthusiasts can put their technical skills, creativity, and problem-solving abilities to the test through real-world engineering challenges.

CORE COMPETITIONS

The fest features a diverse lineup of specialized robotics events designed to push the boundaries of mechanical design and control systems:

- Robosoccer: Strategy and speed on the field.
- PathFinder: Precision and sensor-based navigation.
- Desert Dash: Rugged terrain endurance and power.
- WingFury: Aerodynamics and aerial maneuverability.

OUR VISION

YANTRA 2026 is dedicated to fostering innovation and teamwork. By challenging participants to design, build, and optimize robotic systems under strict constraints, we bridge the gap between theoretical textbooks and practical engineering excellence. Join us to experience the future of competitive robotics!

WINGFURY

Build and pilot an RC aircraft to complete aerial challenges, showcasing stability, control, and flight strategy.

DATA

ROBO-SOCCER

An intense robo-soccer showdown where battle head-to-head using strategy, control, and engineering skill to win the championship.

DATA

DESERT DASH

A high-speed RC car race focused on precision, reflexes, and raw speed.

DATA

PATHFINDER

Design an autonomous bot that follows the track flawlessly and proves its accuracy and optimization under pressure.

DATA

WINGFURY

Rulebook

ROBO-SOCCER

Rulebook

PATHFINDER

Rulebook

DESERT DASH

Rulebook

COMPETITION PRIZE POOL

Competition	Prize Amount
Desert Dash	₹12,500
Wingfury	₹12,500
Robosoccer	₹12,500
Pathfinder	₹12,500

Contact Us

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