

# REGIONAL SUMMIT 2026

## Regional ITE Summit 2026

Theme: "Building Smarter Futures through Technology and Engineering"

July 20-22, 2026

### GENERAL COMPETITION GUIDELINES

1. All participating teams must accomplish the official registration form containing complete and accurate participant information. **The duly accomplished form must be submitted on or before July 20, 2026.**
2. Each participating school shall designate one (1) faculty member to serve as the official coach per event. The designated coach shall be the sole authorized representative of the school and is the only person allowed to file a protest or raise concerns on behalf of the team.
3. A registration fee shall be collected per competition to cover the costs of judges' and facilitators' honoraria, prizes, medals, and certificates.

Registration fees:

| Event                              | Registration Fee |
|------------------------------------|------------------|
| ITE-nnovate: Research Presentation | Php 1,000.00     |
| Technology Quiz Bee                | Php 1,000.00     |
| Mathematics Quiz Bee               | Php 1,000.00     |
| General Programming                | Php 1,000.00     |
| Animated Poster Making             | Php 1,000.00     |
| Robotics – Line Follower           | Php 1,000.00     |
| Robotics – Sumobot                 | Php 1,000.00     |
| Bridge Building                    | Php 1,000.00     |

4. Payment of the registration fee shall be made on-site during the official registration hours on the first day of the Regional ITE Summit, July 20, 2026.
5. The Top Three (3) winners in each competition shall be declared as Champion, 1st Runner-up, and 2nd Runner-up.
  - Champion – Certificate of Recognition, Trophy, and Php 3,000.00 cash prize
  - 1st Runner-up – Certificate of Recognition, Trophy, and Php 2,000.00 cash prize
  - 2nd Runner-up – Certificate of Recognition, Trophy, and Php 1,000.00 cash prize
6. All protests must be submitted in formal writing and must be duly signed by the Team Coach and the Head of the Delegation to be considered valid.
7. Once the winners are officially announced, the decision of the Board of Judges is final, binding, and irrevocable.

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## ROBOTICS – LINE FOLLOWER Competition Guidelines

**Competition Date and Time:** July 22, 2026 | 8:00 AM

**Competition Venue:** SJ101 DR

### I. Participants

1. The competition is open to:
  - Senior High School students and
  - Tertiary Level Students
2. Participation is team-based.
  - Each team shall consist of three (3) members.
  - Each institution may send a maximum of two (2) teams.
3. All participants must accomplish and submit the official registration on or before the designated deadline.
  - Participants that fail to register within the given period will not be allowed to participate.

### II. Competition Format and Mechanics

1. Each team must design and build an autonomous robot capable of navigating a designated track without any external human control or communication during the race.
2. The robot's maximum dimensions must not exceed 20 cm in width and 23 cm in length, with no height restrictions and a maximum weight of 3 kg.
3. Robots must be powered solely by on-board batteries with a maximum voltage of 24 V, and any form of external power source is strictly prohibited.
4. The robot must be fully autonomous immediately after the start signal and must feature a physical start and stop button or a remote trigger.
5. The track features a continuous black line with a thickness of 1.5 cm to 2 cm on a white background, including straight paths, curves, broken lines, intersections, and obstacles.
6. Each team is granted three (3) official attempts to complete the track starting from the designated start zone upon the facilitator's signal.
7. The fastest successful completion time among the three attempts will be recorded as the official score for the competition.
8. A run is successful once the robot crosses the finish line, but if a robot goes off-track, it must be reset to the last checkpoint with a time penalty.

### III. Scoring and Results

1. The fastest total completion time, including any accrued time penalties, will determine the final ranking of the teams.
2. A time penalty of five (5) seconds will be added to the total run time for every off-track reset initiated by the participants.

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3. An additional ten (10) second penalty will be applied if a participant touches the robot while it is in motion without a facilitator's instruction.
4. Any intentional interference with another team's robot or run will lead to immediate disqualification from the competition.
5. If no team successfully reaches the finish line, the final ranking will be determined by the furthest distance covered on the track.
6. Disqualification may be enforced for violating fair play policies, tampering with equipment, or using unauthorized external controls and illegal hardware.
7. Unauthorized assistance from coaches or mentors during official competition runs is strictly prohibited and may result in a forfeit of that attempt.
8. Unsportsmanlike behavior or failure to follow facilitator instructions will be grounds for removal from the contest.
9. Awards shall be given to: Champion, 1st Runner-up, and 2nd Runner-up
10. The decisions of the judges are final and irrevocable.

*Note: Please refer to the General Competition Guidelines for additional rules and specific procedural requirements.*

