

Telangana Board of Intermediate Exam (TGBIE) 2025

Objective:

The main goal was to establish a solid monitoring setup that could help reduce unfair practices during exams and bring transparency to the process.

We installed over 5,500 IP cameras across 1300+ government exam centers and more than 3,000 Wi-Fi-based cameras in 700+ private centers - all within a tight deadline, across scattered locations.

Benefits:

- ✓ **Real-time Monitoring:** Allowed education officials to keep an eye on all centers from district control rooms.
- ✓ **Discouraged Malpractice:** The presence of cameras helped create a more disciplined environment during exams.
- ✓ **Quick Escalation:** Any suspicious activity was reported and acted upon immediately.
- ✓ **Reliable Footage:** All recordings were stored and could be used for post-exam review if needed.
- ✓ **Statewide Visibility:** Every exam center, regardless of size or location, was connected to the monitoring grid.

Project Scope:

The Telangana Board of Intermediate Exam 2025 required reliable camera surveillance across both government and private junior colleges in the state. The task was to set up a full-scale CCTV monitoring system across 33 districts, covering thousands of exam centers to help invigilators and officials keep a closer watch on exam activity.

Challenges:



The biggest hurdle came even before installation began - the materials were delivered late, giving us just 3 days to complete installation across all exam centers.



With installations happening at breakneck speed, testing each setup and adjusting camera angles, connectivity, and recording settings was extremely difficult.



Some colleges in interior parts of districts had weak or no internet. This made it hard to bring cameras online in real-time.



Several colleges had unstable electricity, especially in rural belts, risking camera downtime during exams.



With thousands of cameras streaming in from different colleges, setting up the viewing panels and control rooms for officials was a huge task.





The Solutions:



We quickly ramped up deployment teams across all zones. Local technicians and backup manpower were brought in to meet the deadline. Despite the rush, we completed the installations right on time - no extensions asked, no sites skipped.



We created small mobile teams to visit multiple sites simultaneously. Each team was assigned specific colleges and given a checklist to complete on-site testing immediately after installation. This helped us wrap up the verification work faster without having to revisit locations.



For Wi-Fi cameras, we coordinated with local ISPs and used data SIMs wherever broadband wasn't available. In remote areas, we activated hotspots and worked with college administrators to keep minimum connectivity for exam days.



We provided temporary power backup support through UPS systems and worked with the college staff to manage power usage efficiently during exam hours.



We divided monitoring into district-level and zone-level control rooms. Each district had a team handling live views, recordings, and incident reports. This way, officials could act quickly if something went wrong at a center.

The Result:

The TGBIE 2025 project wasn't just about fitting cameras into classrooms - it was about handling an intense timeline, unpredictable site conditions, and the pressure of a major state-level exam.

From handling last-minute deliveries to getting connectivity in rural corners, Brihaspathi Technologies took each challenge head-on with a ground-level, task-first approach.

