



# LEGRAND — and — ARUNAI MEDICAL COLLEGE

## LEGRAND EMPOWERS RURAL HEALTHCARE AND EDUCATION AT ARUNAI MEDICAL COLLEGE

Arunai Medical College, on a 100-acre campus in Tiruvannamalai, Tamil Nadu, is affiliated with Dr. M.G.R. Medical University. Managed by Jeeva Educational Trust, it excels in medical education, community healthcare and research.



### Challenges

The institution faced significant challenges with power reliability and technology, affecting its ability to provide consistent medical services and quality education.

- Inconsistent power supply disrupted equipment, research, and classrooms.
- Lack of reliable UPS and generators risked patient safety and operations.
- Power surges threatened sensitive devices and data servers.
- Limited connectivity hindered online learning, telemedicine, and record management.



### Legrand's Solution

To address these challenges, Legrand delivered a comprehensive solution tailored to the institution's needs:

**Protection Devices:** Distribution Boards (DBs), Miniature Circuit Breakers (MCBs), and Residual Current Devices (RCDs) were installed to safeguard the electrical infrastructure.

**User Interface:** The Myrius Regular Series provided efficient electrical interfaces across the campus.

**Digital Infrastructure:** Legrand's LCS3 and Valrack solutions were used to establish a robust digital network, ensuring seamless data management and communication.



### Implementation

The project was executed through a strategic process, starting with a comprehensive site assessment to identify needs for power protection, data networking, and infrastructure support. A collaborative needs analysis ensured solutions met immediate requirements and supported future scalability. Legrand then delivered a cost-effective, technically sound solution aligned with the institution's operational and budgetary goals.



### Outcome

The deployment of Legrand's solutions brought significant improvements, including robust network infrastructure for seamless communication and data access across the campus. This enhanced both educational and clinical operations, improving overall efficiency. Staff training ensured independent management and troubleshooting of the systems, reducing reliance on external support and promoting sustainability.



### Conclusion

Legrand's solutions addressed Arunai Medical College's immediate needs while providing sustainable infrastructure to support its growth in rural Tamil Nadu. With enhanced power stability, protection and reliable connectivity, the institution is now better positioned to excel in medical education and community healthcare.

[customer.care@legrand.co.in](mailto:customer.care@legrand.co.in)