CRITERION – IV
INFRASTRUCTURE AND LEARNING RESOURCES

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

Adithya Institute of Technology (AIT), established in 2008, is committed to providing an advanced and comprehensive infrastructure that fosters innovation, technical expertise, and entrepreneurial skills in students. The institute's facilities are designed to support both academic and extracurricular activities, ensuring that students are well-prepared to meet global challenges.

The institute's infrastructure includes meticulously constructed and maintained buildings, equipped with modern machinery, software, and a well-stocked library, all contributing to a conducive learning environment. AIT's classrooms, laboratories, and computing equipment are all designed to facilitate an interactive, hands-on approach to learning and research.

AIT provides state-of the-art IoT facilities to foster innovation and hands-on learning. Students can access dedicated IoT lab equipped with micro controllers (ARDUINO), sensors (temperature, humidity, proximity),actuators and development kits and modules (Bluetooth, Wi-Fi), supported by high-speed internet and cloud platform.

We collaborate with industry leaders for workshops, internships, and research opportunities. Our smart campus serves as a real-world IoT learning environment, and faculty experts guide students in developing innovative IoT solutions.

Key Infrastructure Facilities:

Computer Laboratories: The institute has 6 computer laboratories, each equipped with the latest hardware and software to support practical learning in various academic programs. These labs provide students with an opportunity to develop the technical skills necessary for their respective fields.

4.1.1 THE INSTITUTION HAS ADEQUATE INFRASTRUCTURE AND PHYSICAL FACILITIES FOR TEACHING- LEARNING. VIZ., CLASSROOMS, LABORATORIES, COMPUTING EQUIPMENT ETC.

Metric	Parameter	Link
4.1.1	The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.	4.1.1 Proof

ICT-Enabled Classrooms: AIT offers 25 classrooms integrated with ICT facilities, providing students with an enriched learning experience through multimedia presentations, online learning tools, and video conferencing. Additionally, 9 classrooms are designated for traditional teaching, offering a more focused, conventional approach to education.

Seminar Halls: The institution features 4 seminar halls equipped with cutting-edge ICT tools, ideal for hosting academic presentations, workshops, guest lectures, and seminars. These halls facilitate intellectual discourse and contribute to a collaborative learning environment.

WIPRO Lab: The Wipro lab in our college is a hub for innovation, equipped with state-of-the-art resources for IoT, AI, Cloud Computing, and Big Data. It offers hands-on learning opportunities, industry-aligned projects, and skill development programs, bridging the gap between academia and industry. It has 20 systems with i3-3240 processor.

Additional Learning and Support Spaces: AIT has created specialized spaces for student counseling, group discussions, mock interviews, and online training. These areas are integral to fostering both personal and professional development, enabling students to excel in their academic pursuits and future careers.

The campus is equipped with a range of amenities, including a canteen, transport services, gymnasium, playgrounds, and a stationery store, all contributing to the well-being and holistic development of students. AIT also boasts indoor and outdoor auditoriums with superior acoustics and audio-visual systems, each capable of seating up to 1,000 people, providing ideal spaces for various events, including seminars, cultural programs, and conferences.

Land and Built-up Area: The institute occupies a total land area of 10.27 acres, which is well above the required minimum land area of 7.5 acres. This ensures ample space for the academic and administrative functions of the institute, as well as for the overall growth and development of the campus. There is no deficiency in the land area, as the available space fully meets the requirements.

The total built-up area of the campus is 23,480 square meters, which accommodates the various academic buildings, classrooms, laboratories, seminar halls, research centers, and student amenities. This built-up area is more than sufficient to support the institute's academic and co-curricular activities, providing a comfortable and functional environment for both teaching and learning.