

**4.1.1 Availability of adequate infrastructure and physical facilities viz., classrooms, laboratories, ICT Facilities, cultural activities, gymnasium, yoga center etc. in the institution**

***Introduction about the Physical facilities:***

Atria Institute of Technology, since its establishment in 2000, the Institute has always made efforts to ensure the adequacy and modernization of infrastructural facilities such as buildings, machinery, equipment, software, books, and other learning tools. It has built an impressive infrastructure with modern facilities and learning resources as per the prescribed norms of statutory bodies like UGC, VTU and AICTE.

Vibrant Campus in the heart of the city

Total built up area : 34723

57 ICT enabled class rooms

Laboratories with state of art technology with qualified staff

Centre of Excellence in each discipline for researcher and students

staff quarters for 10 families

Boys hostel with the capacity of 282 students (94 Rooms)

Girls hostel with the capacity of 198 students (66 Rooms)

Digitized Library with a total floor space of 608.5 sq.ft

WiFi spread across campus with speed of 500 Mbps

9 Water purifiers -Reverse Osmosis

Atria Bussiness Incubation Centre (ABiC)

Fire extinguishers in identified area

122 Cameras accross campus for CCTV Survellans

UPS (160KV) & Generator (250KVA) for uninterupted power supply

Lifts in all the blocks

Ramps, Wheel Chairs & Washrooms to help Divyangjan (if any)

The other facilities are as under:

- AIT has its own e-learning platform called Xcelerator and Quiklrn platform for outcome-based education which helps all the stakeholders in terms of education, project-based learning, CO-PO mapping, flipped class etc.,
- First aid kits in all the laboratories of the department and few other identified areas
- Teachers are provided with laptops for teaching learning process and administrative process.
- Seminar hall to organise the various cultural/technical and non-technical activities.
- AIT has a gym centre for faculty and students which helps them to maintain their health & physical fitness
- Institute has a yoga centre; International Yoga Day is celebrated on 21st June and yoga is also a part of the induction program organized for first-year students every year.
- AIT facilitates outdoor games such as basketball, cricket, Kabaddi, Volleyball, etc for those who are passionate about sports and want to excel in their field of interest.
- Carrom, Chess, Table Tennis, etc indoor game courts are available.
- A sound-proof studio is available with video cameras, microphones, and LED studio lighting which facilitates recording of sessions.
- AIT provides facilities for conducting activities under NCC, NSS, etc. NCC firing range in association with 3 Karnataka Battalion NCC Bengaluru A Group is built of 25 meters within 6 kms from Head Quarters of Karnataka.
- Rainwater harvesting facilities are included in college
- Obsolete computer & peripherals are collected & disposed through outsourced facility as per Central Board Pollution Control for E-Waste Management System.
- Contemporary parking area is developed to park vehicles in the designated areas to have restricted movement of vehicles
- Enough trees are grown thus achieving carbon neutrality
- AIT campus is equipped with LED lights to save electric energy
- Solar heaters are available in hostels for water heating.

- Solar panels are installed as detailed below providing an alternative source of energy with total generated power of 13500 units per month.

<b>Solar</b>		
<b>Parameter</b>	<b>Block A</b>	<b>Block B</b>
No of solar Panels	165	140
Capacity	300 watts	325 Watts
Total Capacity	50kW	45.5kW
No. of units/day	250	200
Total Number of units/Month	7500	6000
Total kWh generated/month	7500 kWh	6000 kWh