4.4.2   Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

The college has a well-established system for ensuring optimal allocation and utilization of the available financial resources in every academic/financial year for maintenance and upkeep of physical, academic, and support facilities. This process is monitored by various committees constituted for this purpose as per the requirements in the interest of students/staff/faculty members' welfare.

Physical Infrastructure facilities:

The PSG College of Technology campus is spread over 45 acres of land, economically utilized for the college, hostels, staff quarters, playfields and gardens. A team comprising of an administrative officer, civil manager, faculty, and staff members supervises all maintenance activities for management, maintenance, and repair of physical infrastructures in the campus. A 'general maintenance' department operates on the campus for supervising and carrying out all the day-to-day civil and maintenance related works. The routine cleaning of the campus is done by both in-house workers and third-party housekeeping service providers. RO treated safe drinking water is provided throughout the campus. A separate powerhouse facility operates in the campus to take care of all the electrical related facilities and supplies in the campus. Equipment like elevators, UPS, air conditioning units, generators, pumps, water purifiers, and landline phones are maintained by in-house maintenance personnel and authorized service personnel through AMC. Campus-wide fire extinguishers and fire hoses are strategically installed for handling emergency firefighting situations. A carpentry section functions in the campus to make all the required furniture items. The entire campus is under CCTV surveillance. An in-house developed "maintenance.psgtech" intranet web portal is used for registering the services required for the maintenance of facilities which are resolved within a set time frame. A security wing operates round the clock in the campus to safeguard the campus premises. Other support facilities such as faculty recreation club, canteen, medical, photocopying, and retiring halls for girl students are also provided in the campus. Sewage Treatment Plant (STP) with a capacity of 1,00,00,000 liters/annum is installed and the same is used for gardening through STP sprinkler system. 19% of water requirement is met through recycled STP water. The six numbers of 6-inch bore-well were made up to 110 m depth at valley points inside the campus since they get the highest amount of rainwater runoff, and hence are ideal locations for recharge wells inside the campus. Each bore-well is planned to cover a 2-hectare area, the capacity is designed to handle 7 MLD. PSG College of Technology meets 60% of its energy requirement through solar and wind energy.

Laboratory:

State of the art laboratory facilities is provided for all the programmes offered by the College. The equipment and machinery in the laboratory/workshop are maintained by the laboratory In-charge(s)/workshop In-Charge(s). A well-defined procedure is followed for the procurement of equipment/machinery/hardware and software for laboratories. The laboratories are equipped with adequate manpower and other facilities for providing hands-on experience to the students in their area of study. Laboratory wastes are disposed of safely through a third-party disposal service provider.

Library:

A committee headed by the principal, professor in-charge, and librarian ensures the efficient functioning of the Library in the campus. The entire library is automated using PSG Integrated Library Management System (PSG-ILMS 5.0). Currently, over 2.50 lakhs of books, 12675 CDs/DVDs, and 270 printed journals are in the library with access to more than 9000 online electronic journals. A separate Digital Library having 60 computers is available in the library premises. Internet facility is provided in the library for the benefit of students/supporting staff/faculty members for availing e-resources and other web-based information. A photocopying facility is also available in the library.

Sports Complex:

The Department of Physical Education covers an area of five acres near the hostel premises. The department has the infrastructure for all indoor and outdoor games. The department is headed by a Physical Director, assisted by two Assistant Physical Directors and one Physical Training Instructor along with three markers as supporting staff. The activities are held throughout the year, every day, from 6.30 am to 6.30 pm. A talent hunt among the first-year students is made every year to include the potential players in the college team. Intra College and Intramural tournaments are regularly organized to provide an opportunity for the students/staff/faculty members to exhibit their talents. A sports calendar is released every year for the effective conduct of sports events in campus.

Computers:

Computers and other allied facilities are provided in all the departments for both students and faculty members. Computers are purchased based on the requirements in every academic year. The obsolete computers are scrapped through third-party e-waste management service provider. A separate computer maintenance cell and network maintenance cell operate in the campus and are headed by a Dean who takes care of all the computer and network related issues. Utility software is made available in the in-house developed intranet web portal for campus-wide installations.

Class rooms:

A total of 195 classrooms are available in the campus. The classrooms are well-equipped with teaching aids, furniture, and other utilities. In-house e-governance modules are developed for the allocation of classrooms. The issues related to classrooms are managed by a committee comprising of a Dean and faculty members. An in-house developed "halls.psgtech" intranet web portal is used for booking halls/classrooms required to conduct events in the campus. Dedicated well-equipped examination halls are available in the campus for conducting continuous assessment tests, semester examinations, and other government examinations. Eight seminar halls (capacity: 30 to 250), closed auditoriums (capacity: 250 to 800), and open auditoriums (capacity: 500 to 3500) are also available in the campus for the conduct of academic and cultural programs.

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