

4.4.2 There are established systems and procedures for maintenance and utilization

Institute has outsourced its housekeeping, security (with both male and female security personnel) and gardening. There is a central works department, which supervises general civil and electrical maintenance.

Different departments with a coordinator and team of students do maintenance of other facilities. The solar plants are maintained by Faculty of Engineering and maintenance is done by the students of Renewable Energy Programme.

Surveillance, fiber optic network and Wifi Network and computing facility is supervised by the Department of Physics & Computer Science along with the Computer Center and Multimedia Laboratory.

Institute has one outsourced canteen and one food kiosk. Food Kiosk is completely managed by the Department of Home Science and Department of Botany (Dairy Technology Section)

Quantum Jugaad outlet in DEI is an interesting feature, which facilitates students to experiment with their ideas, develop products and market to their own peers and staff of the institute. This inculcates an entrepreneurial ecosystem

Curriculum Laboratories are maintained through maintenance funds from UGC and are updated through the funds from SAP, FIST etc. Research Laboratories are generally supported through extra mural funding.

Qualitative Analysis

Every member of this institute seems to be woven with dedication and sincerity, which is reflected in the ecosystem of the institute. Institute has very close synergy with neighboring community and few remote tribal and rural villages, where DEI has been doing upliftment work for last 100 years.

DEI demonstrates the capability to mobilize its resources both human and infrastructure to achieve their mission of reaching, nurturing and uplifting the 'last, least, lowest and the lost' in the society. This framework has been named as **Sigma 6Q-Vs**, where six basic quality parameters for sustainability are defined with moral, ethical and spiritual values being the central component in every aspect of the institute. These six quality parameters are:

1. Innovation
2. Air Quality
3. Water Quality
4. Education and Healthcare
5. Agriculture & Dairy
6. Values and Women Empowerment

Teachers and students together and equally take part in the campus maintenance.

In general, institute has fair infrastructure with an outstanding procedure for maintenance by involving students and staff members. DEI is fully solar powered and has battery

operated vehicles for plying inside the campus, which are assembled by the students of Automobiles.

Campus is green, clean and has well paved roads and pavements.

DEI is definitely a good example of simple and adequate infrastructure, exemplary system of maintenance and intensive usage of technology with very high morals and values in the staff members. DEI has a dedicated Works Department that is responsible for carrying out the maintenance of buildings, classrooms, laboratories, hostels, cafeterias, sports facilities, utilities, STP/ETP, lawns etc. A maintenance committee is constituted that oversees the maintenance and upkeep of the physical infrastructure, facilities, green areas etc.

The Works department has qualified and skilled manpower for civil work, electric work, plumbing, carpentry work and horticulture.

Maintenance of the following infrastructure facilities, services and equipment is undertaken:

1. The infrastructure facilities such as class-rooms, buildings, hostels, green areas, STP/ETP, etc.
2. Power management activities are undertaken to ensure uninterrupted power supply and maintenance of electrical assets. The maintenance of equipment such as, Generator Sets, General Lighting, Power Distribution System, Solar Panels, water pumping plants, sewage etc., is performed according to their preventive maintenance schedules and guidelines of the equipment supplier.
3. Maintenance of Services: The University provides various services / facilities to the students, faculty and staff and are maintained by respective service providers as per contract:
 - *Non-resident student centres*
 - *Reprographic, Photocopy services*
4. Further, a fleet of buses, jeeps and cars are maintained by the Automobile Workshop.
5. The Saran Ashram Hospital serves as the DEI Health Centre, which is maintained by the Medical Relief Society of Dayalbagh, a charitable society.
6. Sports facilities are maintained by the Works and the Sports Departments as per the laid down guidelines.
7. Maintenance of various type of equipment in DEI is as follows:
 - *USIC undertakes the general repair, maintenance and upkeep of all teaching and research laboratories.*
 - *DEI ensures regular maintenance of major laboratory equipment through Annual Maintenance Contracts (AMC).*
 - *Equipment providers and technical staff maintains Campus Surveillance System that includes, cameras, CCTVs and other security equipment.*
 - *Teaching aids such as LCD Projectors, PA Systems, Laptops, Desktops, Printers, Wi-Fi etc. are maintained by the staff of the Multimedia lab. through the equipment suppliers.*
 - *Equipment providers also maintain Fire-Fighting equipment deployed in various offices, buildings, class-rooms, laboratories and hostels.*

The annual stock taking and periodic checks by faculty and technical staff helps in ensuring proper functioning and maintaining of various facilities.

Links

Governance Structure (IoE Book, page 109)

<https://www.dei.ac.in/dei/files/notices/2019/IOE.pdf>

Works Department Data

Infrastructure Development and Maintenance

<https://www.dei.ac.in/dei/files/NAAC%20Self%20Qualitative%20Assessment/Infrastructure%20Development%20in%20DEI%204.4.2.pdf>

Upcoming Infrastructure

<https://www.dei.ac.in/dei/files/NAAC%20Self%20Qualitative%20Assessment/Upcoming%20Infrastructure%204.4.2.pdf>