



**SHRI VILE PARLE KELAVANI  
MANDAL'S  
INSTITUTE OF TECHNOLOGY,  
DHULE  
NAAC Criteria Report  
4.4.1 Maintenance of Campus  
Infrastructure**



#### 4.4 Maintenance of Campus Infrastructure

Adequate infrastructure is not enough for optimal institutional functioning; regular maintenance and periodic renewal of infrastructure is required. It is essential that the institution have adequate resources dedicated for regular infrastructure maintenance, and that are appropriate systems in place to maintain infrastructure assets and encourage their optimal usage.

4.4.1 Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year wise during the last five years (INR in lakhs)

Sr. No.	1	2	3	4	5
Year	2022-2023	2021-2022	2020-2021	2019-2020	2018-2019
Number	633.82	779.66	610.14	677.19	387.99

$$\text{Percentage} = \frac{\text{Total expenditure incurred on maintenance of infrastructure excluding salary during the last five years}}{\text{Total expenditure excluding salary during the last five years}} \times 100$$

$$\text{Percentage} = \frac{3088.8}{9474.69} \times 100 = 32.60\%$$

Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year wise during the last five years is **32.60 %**.

Total Weightage given = 20 Marks

Key Indicator – 4.4 Maintenance of Campus Infrastructure						
4.4.1 Q <sub>n</sub> M	Percentage of expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the last five years(INR in Lakhs)	>=25%	20%-25%	10%-20%	1%-10%	<1%

**Hence, Marks claimed are 20 as the benchmark value fulfilled i.e. above 25%.**





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## REPORT ON THE MAINTENANCE ACTIVITIES OF INFRASTRUCTURE

For the upkeep and use of physical, academic and support facilities such labs, libraries, sports facilities, computers, and classrooms, there are defined procedures and practices.

The Institute has suitable processes and procedures in place for maintaining and utilizing physical, academic, and support facilities.

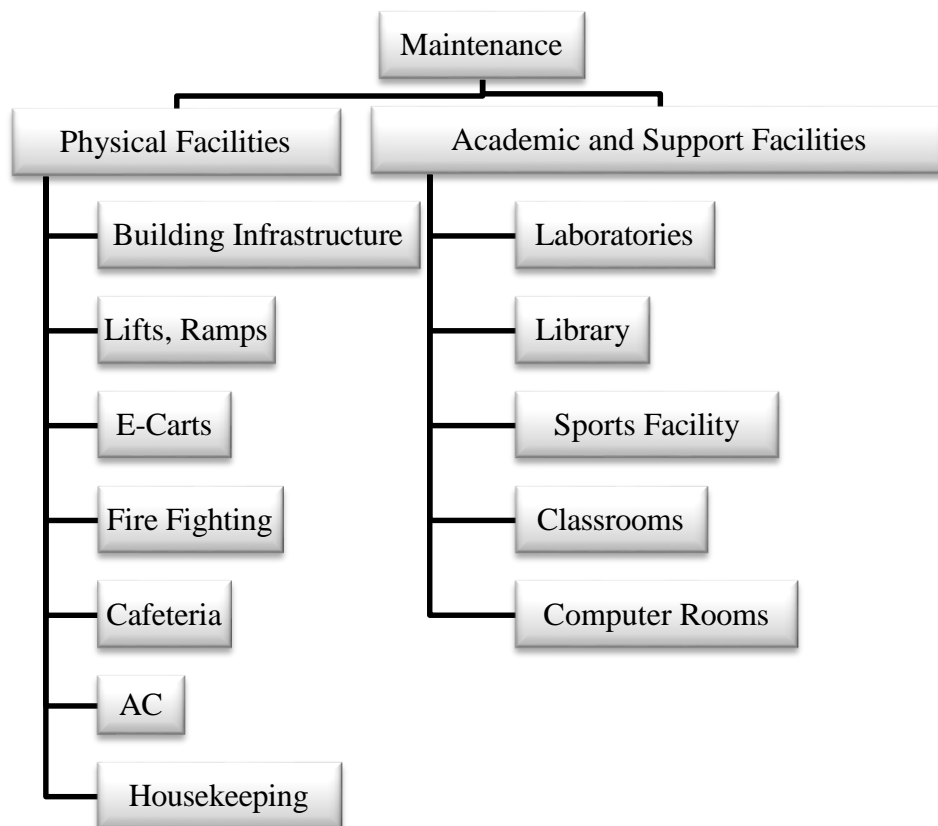


Fig. 1 Classification of Maintenance



### 1. Maintenance of Buildings and Infrastructure:

- The Admin department is in charge of building and associated maintenance.
- Electricians, carpenters, plumbers, and other service employees make up the maintenance workforce.
- The admin staff and Sadguru Enterprises are in charge of monitoring and maintaining infrastructural facilities.
- This Project Crew is in charge of the routine maintenance of civil works such as furniture repairs, masonry and plastering, painting, carpentry, plumbing, and housekeeping.
- The maintenance section does pest treatment on library books and records once a year.
- Daily maintenance is performed on physical resources such as class rooms, labs, seminar halls,

auditoriums, and hostels.

- Every day, the Admin department visits all of the classrooms, all passages, seminar halls, labs etc.
- Maintenance personnel will respond to any maintenance needs such as lighting, fans, benches, and so on.
- Cameras Regular maintenance is performed on the equipment used for watering plants, sewerage, bore-wells, and gardening.
- The campus is supplied with safe and sufficient drinking water 24 hours a day, seven days a week.
- Fire extinguishers are located in several blocks, and the campus is monitored by CCTV.
- Other emergency maintenance, such as replacing bulbs/fans, fixing water taps, clearing clogged drains, and so on, is handled by the multi-tasking Sadguru Enterprises crew.



Fig. 2 Maintenance and Cleanup of Classroom AV Systems





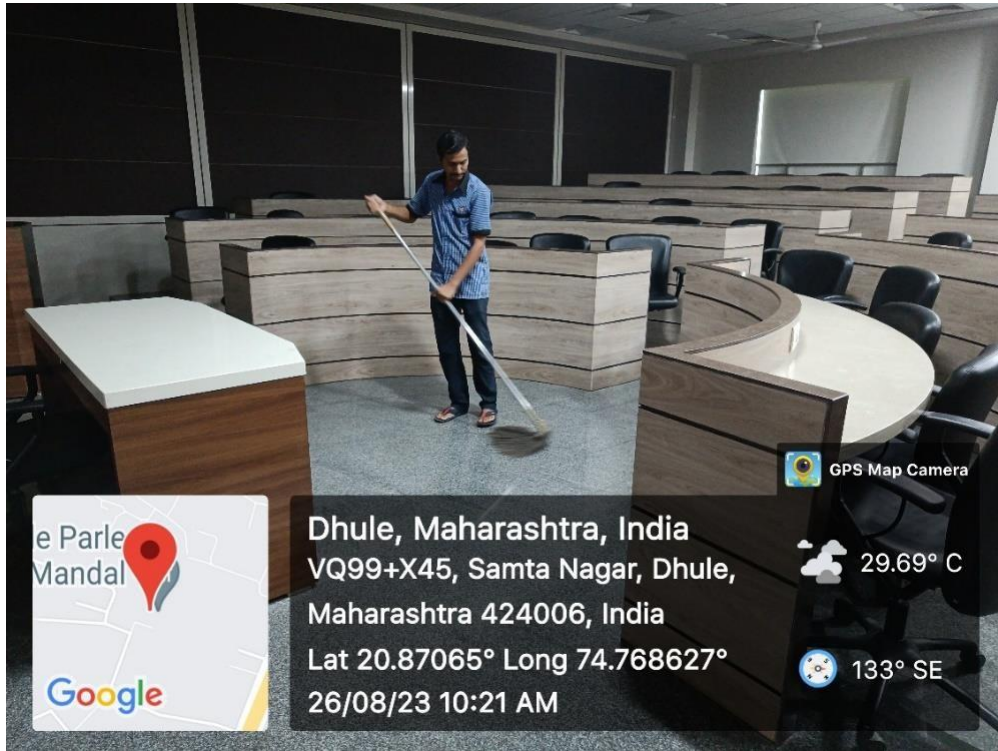


Fig. 3 Up-keeping of Classrooms



Fig. 4 Cleanliness in the laboratories

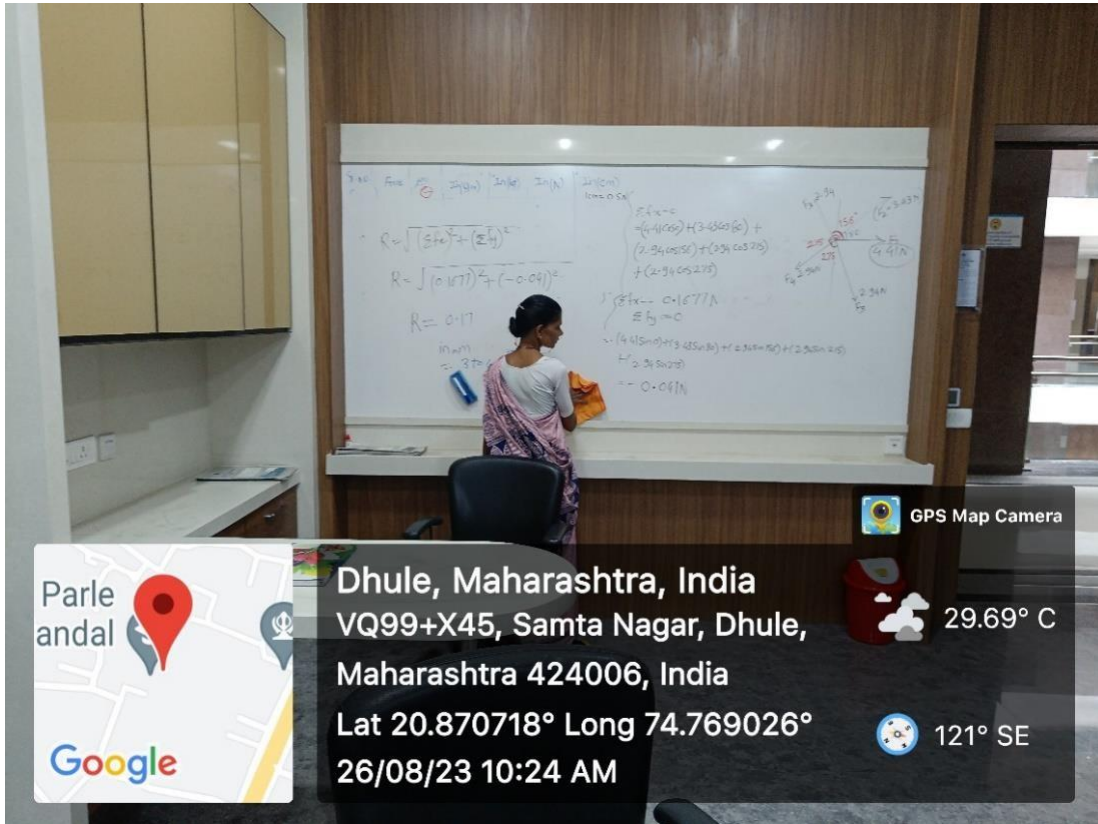


Fig. 5 Cleaning in the Labs



Fig. 6 Cleaning in the Faculty areas



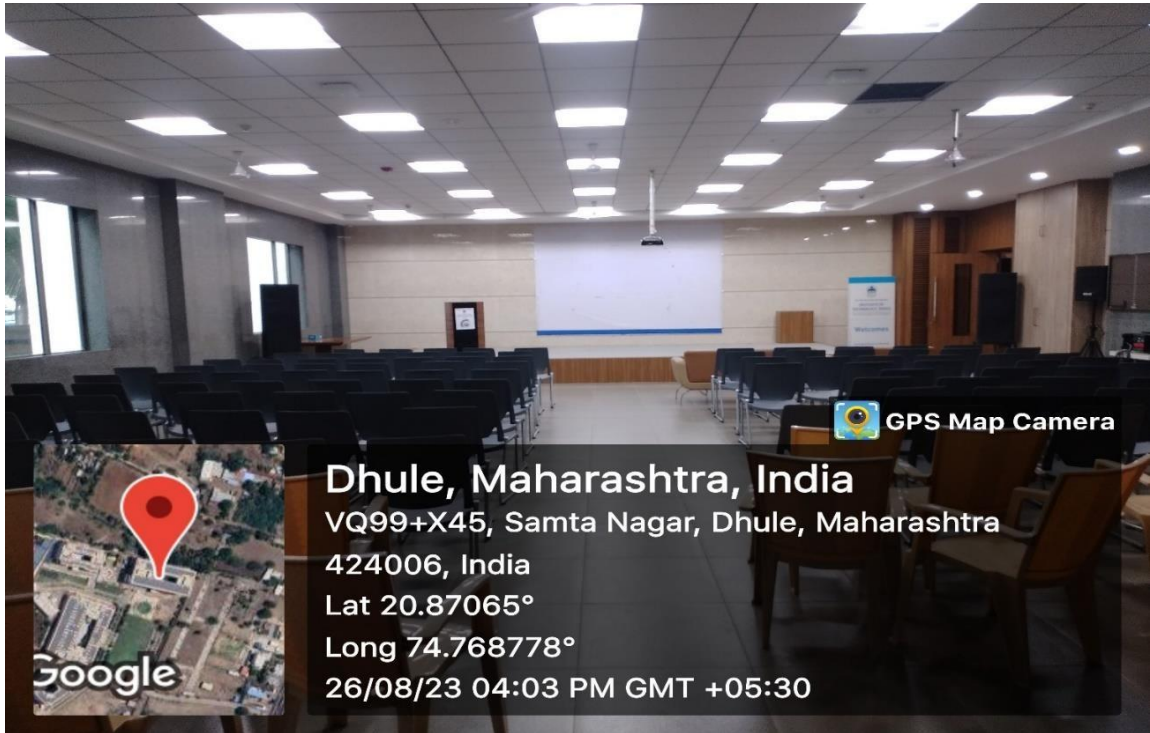


Fig. 7 Cleaned Seminar Hall



Fig. 8 Cleaned RO- Plant



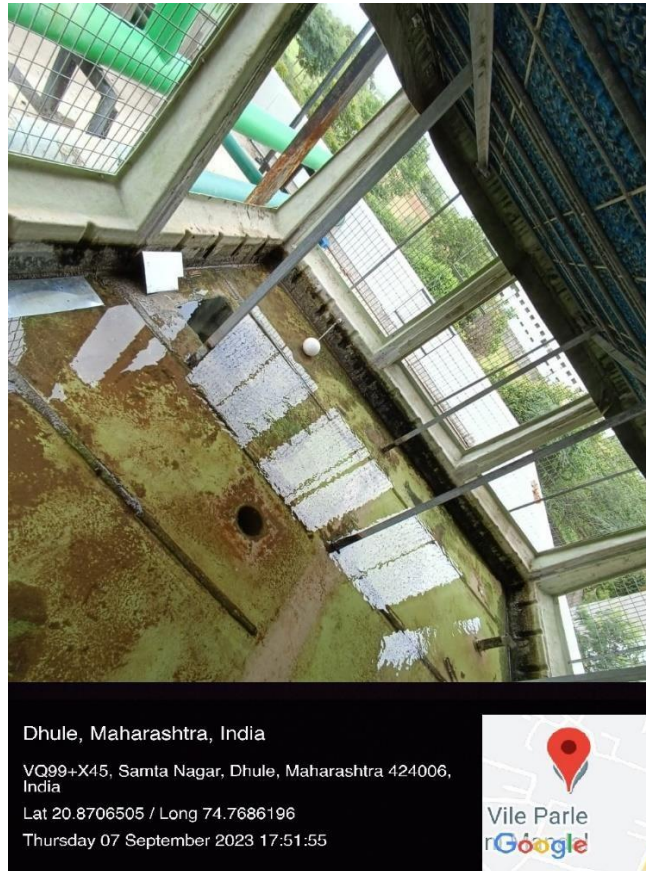


Fig. 9 Maintained Central AC Tower

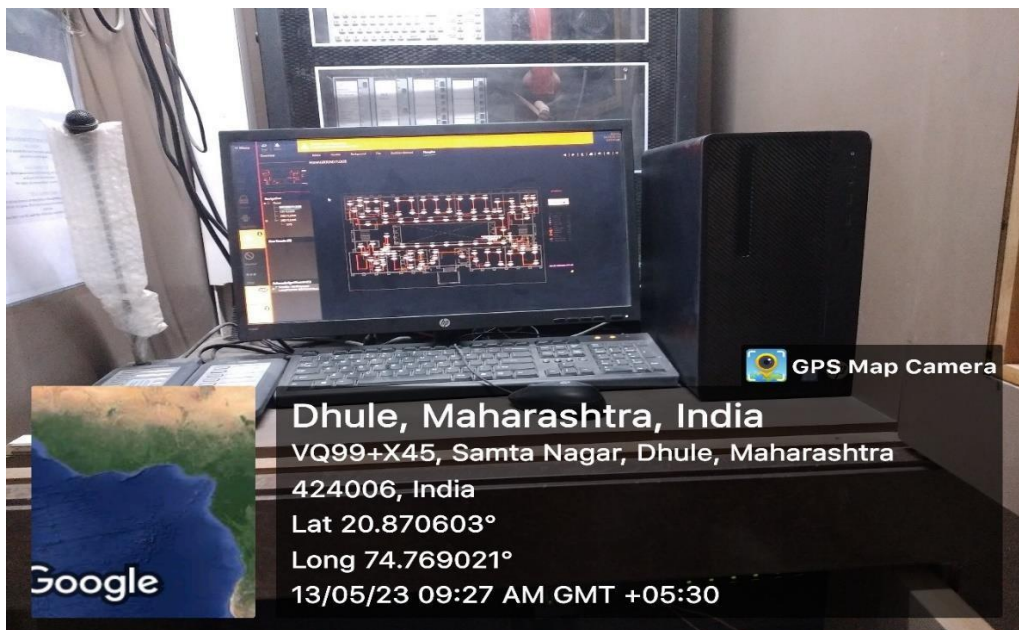


Fig. 10 Maintained Central Fire Alarm System





Fig. 11 Maintained Lawn



Fig. 12 Maintained Lift Facilities

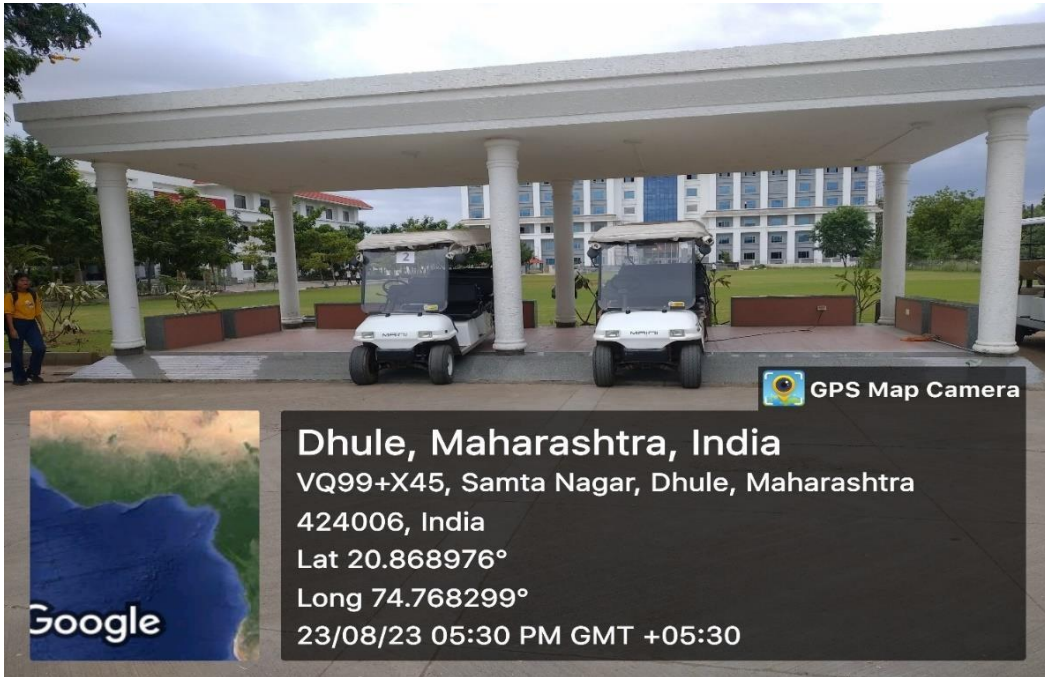


Fig. 13 Maintained E- Cart Facilities



Fig. 14 Maintained Pre Detection Sensor Facilities



## 2. Maintenance of Network Infrastructure & IT Support:

- The System Admin officer and his staff are in charge of network infrastructure and other IT-related equipment maintenance.
- The System support staff handles routine computer maintenance, software installs, and networking difficulties.
- Under system administration, a team of technical professionals maintains computer facilities, other IT support, LCD projectors, and CCTV cameras, among other things.
- General record keeping and audits of all laboratory equipment are performed at the department level. Stock registrations and log books are kept up to date.
- This record contains entries pertaining to the repairs and maintenance of certain equipments.
- Students and professors can file a complaint or request for lab equipment in the laboratory, which is handled on a priority basis.
- Outside agencies fix the equipment that needs substantial repairs.
- Following receipt of a quotation for maintenance and repair expenses, the relevant clearance is obtained from college authorities and management.
- Following that, the equipment is sent for repair by issuing a gate pass, and the status of the repair work is tracked. The heads of the departments are also responsible for ensuring that the laboratories are used effectively.



Fig. 15 Maintained Server Room Facilities



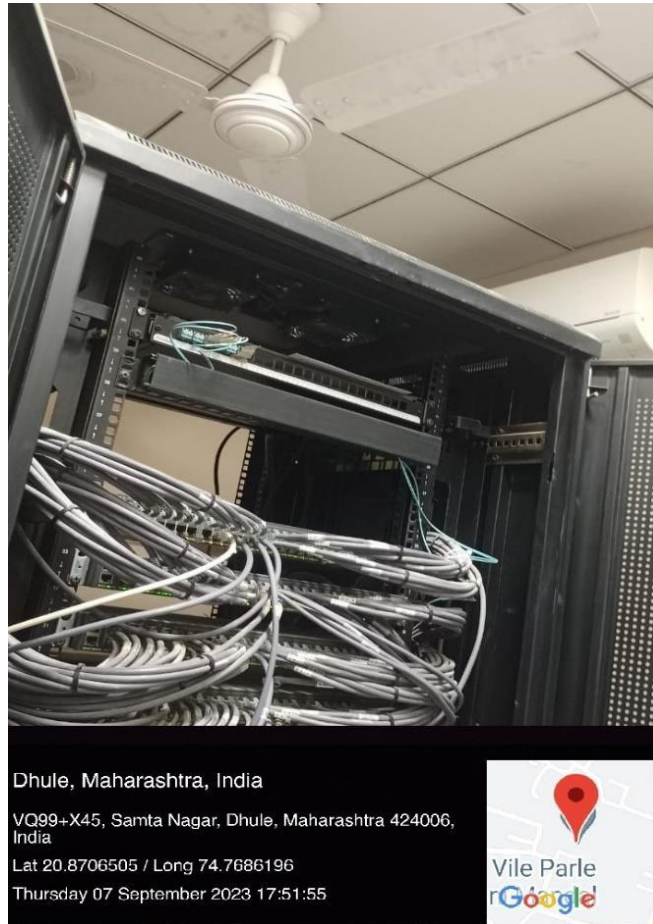


Fig. 16 Server Room under maintenance

### 3. Library Maintenance:

- The library has been fully digitized and is available after class.
- It contains computer terminals with internet access as well as huge reading areas.
- The library keeps you up to date on new arrivals on a regular basis.
- The librarian is in charge of overseeing all maintenance tasks performed by the library's maintenance team.
- He oversees the use of books, computers, and other learning items at the library.
- The library's support team monitors it on a regular basis to guarantee that all text books, reference books, articles, competitive examination books, magazines, journals, e-magazines, e-books, and e-journals are in good condition.
- Regular swabbing of the library sections, cleaning of the racks, and maintaining the condition of the books with needed binding are all ongoing.



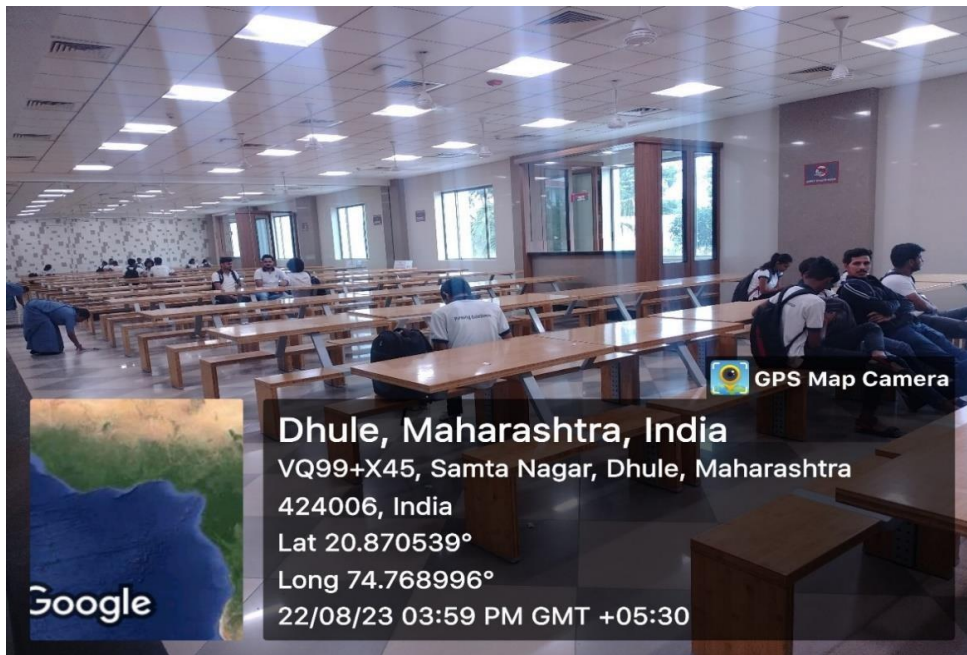


Fig. 17 Maintained Library Infrastructure

#### 4. Sports and Games:

- The Sports Officer is in charge of all repairs to sporting equipment and courts.
- He must maintain the courts adequately on a daily basis with the assistance of the maintenance personnel.
- He keeps sporting facilities in good condition by regularly inspecting the equipment used for indoor and outdoor sports.
- The facility is well equipped for games such as table tennis, badminton, carom, chess, and tug of war etc.
- Regular swabbing of the sports sections, cleaning of the racks, and maintaining the condition of the equipments is an ongoing activity.



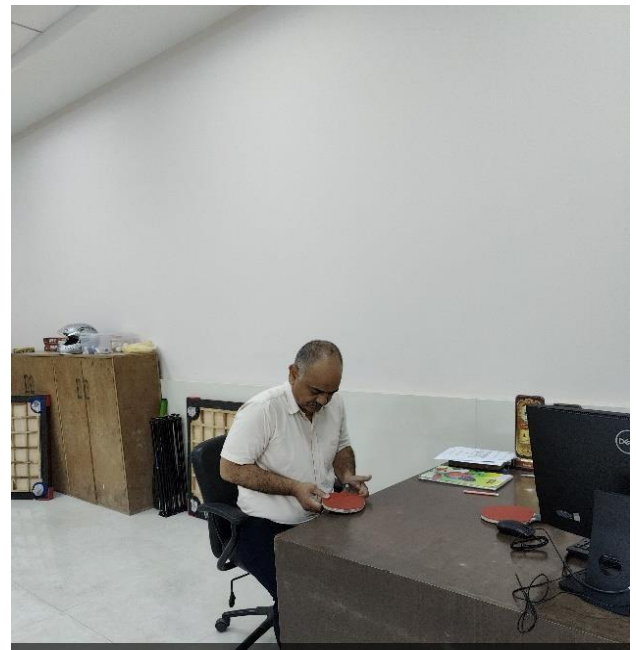


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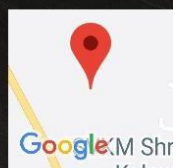


Fig. 18, 19 Sports Hall Maintenance & Play Equipment Maintenance



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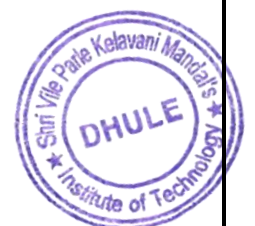


Fig. 20 Play Equipment Cleanliness