



BMS COLLEGE OF ENGINEERING BENGALURU

Autonomous Institute, Affiliated to VTU

Annual Quality Assurance Report 2019-2020 (AQAR)

Period - 01.06.2019 To 31.05.2020

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

A full-fledged building maintenance is established to oversee the construction and maintenance of physical infrastructure.

Potable Water Supply:

Three bore wells are located in the college campus and two in the hostel premises. An open well is provided in the hostel premises which caters to the needs like water for drinking, toilet and gardening of the college. The overhead water tanks and underground sumps are cleaned every six months through a tank cleaning contractor.

A water treatment plant with 3 Lakh Litre Capacity and 1 Lakh litre capacity of Rain water harvesting tank has been constructed. Centralized RO Systems of capacity 500 LPH (02 Units), 250 LPH (01 Units), 10 LPH (04 Units), 40 LPH (02 Units) and 25 LPH (04 Units) have been established in all the buildings to cater for safe drinking water. AMC has been made to replace spare parts and to carry out periodical services to all the drinking water RO plants located in BMSCE Campus. The quality of drinking water is tested every three months.

The fire extinguishers are refilled and kept in a serviceable condition throughout the year.

Sewage Disposal:

A sewage treatment plant with a capacity of 350 KLD with MBR Technology with built up area of 123 SQM was installed during 2019-20. The MBR Technology has been installed in the plant for ultra-filtration of Sewage water (treated water with Ph value of 7.5) which is being used for the flushing lines of all the toilets at New Academic Block, watering for gardening area for the entire campus and basements floor cleaning at academic block.

Electric Power Backup

To monitor continuous power supply to all the department faculty rooms, HOD Chamber, drinking Water facility, Street Light etc. a sufficient back up power supply has been maintained in case of power failure. The total transformer capacity is 3000 KVA. Contract Demand is 1850 KVA. Peak Load is 1000 KVA. DG Set Back Up with a total capacity of 2330 KVA. The total UPS Back up is 862 KVA.

Telephone Connection Available

The Telephone, STD, ISD, Telefax facilities are available on campus. 52 External [P&T] telephone lines in the campus. Intercom facility with 732 extensions is provided. Maintenance and repair due to normal use of the service are undertaken through Building & Maintenance Department.



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The Data Centre monitors the Campus Wide Networking (CWN) facility of the institution for ubiquitous network connectivity throughout the campus.

Equipment's: All Major/advanced equipments are maintained by Annual Maintenance Contract (AMC). Minor Equipments are repaired and maintained regularly.

Maintenance of Infrastructure- The infrastructure maintenance which includes civil, plumbing, electrical, furniture repair and other is done by estate office as and when required. General Insurance coverage for Building, Furniture, fixture and all types of college equipment's, Laboratory equipment's, Computer and Accessories, Laptops, Electrical Gadgets, Transformer Generators and all types of electrical equipment's. Fire and Special Perils (Material Damage) protection and support.


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