In a hospital Plant Rooms, GSM (Global System for Mobile Communications) Rooms, and MCC (Motor Control Center) Rooms serve various important purposes related to infrastructure, communication, and electrical control. The following is a breakdown of their purposes:

1. Plant Room:

3.1. The Plant Room in a hospital typically houses various mechanical and electrical equipment essential for the functioning of the facility. This may include boilers:

- Chillers
- Pumps
- Air handling units
- Water treatment systems
- HVAC (Heating, Ventilation, and Air Conditioning) equipment.

3.2. The purpose of the Plant Room is to ensure that the hospital's infrastructure operates efficiently to provide essential services such as:

- Heating
- Cooling
- Ventilation
- Water supply throughout the facility.

3.3. Proper maintenance and monitoring of equipment in the Plant Room are essential to ensure uninterrupted operation and to comply with safety and regulatory standards.

2. Global System for Mobile Communications (GSM):

2.1. The GSM Room in a hospital is dedicated to housing equipment related to the hospital's communication infrastructure, specifically GSM technology.

2.2. GSM Rooms typically contain equipment such as base transceiver stations (BTS), antennas, signal boosters, and other telecommunications equipment required for cellular communication within the hospital premises.

2.3. The purpose of the GSM Room is to ensure reliable mobile communication coverage within the hospital, allowing staff, patients, and visitors to make and receive calls, send messages, and access mobile data services.

3. MCC Room (Motor Control Center):

3.1. The MCC Room houses motor control centers, which are panels or cabinets containing electrical components used to control and distribute power to motors and other electrical equipment throughout the hospital.

3.2. These motor control centers play a crucial role in managing and controlling the operation of various motors and electrical systems, such:

- Pumps
- Fans
- Compressors
- HVAC systems

3.3. The purpose of the MCC Room is to centralize the control and distribution of electrical power, ensuring safe and efficient operation while allowing for convenient monitoring, maintenance, and troubleshooting of motorized equipment.