

### **POWER SUPPLY**

Gems Arts and Science College prioritizes uninterrupted power supply to ensure a conducive learning environment through a robust and diversified power infrastructure. The college relies on a Diesel Generator from Cummins, a globally recognized company for reliable power solutions. This generator serves as a backup during power outages, ensuring continuous operations and minimizing disruptions to academic activities.

In addition to the generator, the college has invested in sufficient battery backups for all laboratories. These backups act as a secondary layer of support, ensuring that critical experiments, research, and data processing can continue seamlessly in the event of a power failure.

The institution has also embraced sustainable energy practices by installing a 20 KW Solar Panel system. This initiative not only contributes to environmental conservation but also serves as an alternative power source, reducing dependency on traditional electricity grids.

Further enhancing the power infrastructure, Gems Arts and Science College has a dedicated transformer to efficiently supply power across the campus. This strategic allocation ensures a stable and uniform distribution of electricity, catering to the diverse needs of classrooms, laboratories, administrative buildings, and other facilities.

Through this comprehensive approach to power supply, Gems Arts and Science College reaffirms its commitment to providing a reliable, sustainable, and uninterrupted energy environment for the entire campus community.

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