

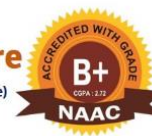


Guru Gobind Singh Foundation's

Guru Gobind Singh College of Engineering & Research Centre

Approved by AICTE, Govt. of Maharashtra & DTE Mumbai, Affiliated to Savitribai Phule Pune University (Formerly known as University of Pune)

NAAC Accreditation first cycle "B+" with CGPA 2.72 in April 2019, DNV – GL Certified for ISO 9001 : 2015 Standards



4.3 I.T. Infrastructure

4.3.1 - Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection

The institution regularly examines and updates its IT infrastructure to meet curriculum needs, and it has the necessary computing resources, including hardware, software, networking, scanners, and printers. The IT infrastructure must be updated to accommodate changes to the curriculum and upgraded versions of current software. The institute complies with the standards set by the appropriate authorities.

The institution upgrades its IT facilities according to the following procedures.

- As and when necessary, computer system upgrades on a periodic basis. This is made sure of by investing in the most recent technology, getting a new processor, or replacing systems whenever one is proven to be beyond repair or as per SRA guidelines. If required outdated PCs are used for hardware or networking demonstration classes, or else scraped.
- Software is updated as a result of changes and improvements.
- Increasing internet capacity as needed (300 Mbps leased-line is currently available).
- Wi-Fi facility: Cisco Wi-Fi routers with large capacities and enough speed are offered. With regard to digitization and internet bandwidth, the facility has been updated when needed
- The institute has 4-core HPC servers to efficiently handle problems of the internet scale and has updated these servers as needed.
- LCD projectors and computers with internet connectivity are provided in classrooms. These devices are upgraded based on usage and demand.
- The biometric attendance has been recently upgraded to a face recognition system integrated with ERP for automatic leave & salary management.
- The identity cards of students & staff are now printed in-house with a new advanced ID card printing machine procured in 2022-23.



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- The institute premises are equipped with CCTV surveillance systems upgraded from low resolution analog systems to high resolution IP based systems with multiple access points at all appropriate locations.
- For fast printing of question papers during university examinations, automatic photocopier machines with capacity to print 25 copies per minute have been purchased