



The main computer centre at this institution aims to provide state-of-the-art computing facility to the college community. CE Cherthala has computer and internet facilities as per the AICTE norms. The beautifully arranged systems facilitate ease and conducive working atmosphere for the staff and students of this organization. Users of the centre enjoy vistas of information superhighway through 8 mbps Broadband connectivity. The centre, through its dynamic young charming and proactive personalities, provides all possible supports to its user community to gather latest information on time. Students can make use of the internet from 9am to 5pm on all working days.

CEC have a campus data network of eight network broadcast sub domain. The sub domains are connected with single mode six cores optical fiber cable backbone and a 10 Gbps core switch. (One more 10 Gbps core switch provided as standby). The sub domains consists 1 Gbps edge switch of 15 numbers and indoor wifi access of 10 numbers. It can connect up to 360 numbers of UTP outputs. The front and rear side of main building block have outdoor wifi access service.

The sub domains are Library, Mechanical/electrical workshop, computer lab1, computer lab2, computer lab3 (R&D lab), Office, Electronics department, General staff room.

National Knowledge Network (NKN) with 100 Mbps line extendable to 1Gbps and BSNL broadband (10 connections of 2Mbps broad-band connection under NMICT scheme) are our Internet Service Providers.

Up to 500 students can use this facility simultaneously.

We have the facility to make normal and IP phone calls all over the campus

The entire centre is efficiently powered by a backup power supply system.



The NKN is a state-of-the-art multi-gigabit pan-India network for providing a unified high speed network

NKN network is designed with the aim of providing:

Highest level of availability

Robust & reliable connectivity

Highest level of Scalability(specifically planned to mach the unknown future demands which cannot b

Best Bandwidth Capacity: For NKN, various National Long Distance Carriers (NLDs) have provided 1