

We are here because, we care

NISH

NATIONAL INSTITUTE OF SPEECH & HEARING

(An autonomous organisation under the Social Justice Department, Government of Kerala)

Accredited as Excellent Institution by RCI | ISO 9001:2015 Certified | Accredited by NAAC with A Grade

Criterion 4 - Infrastructure and Learning Resources

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4.3 IT Infrastructure

4.3.1 *Institution frequently updates its IT facilities including Wi-Fi*

Institution frequently updates IT facilities including Wi-Fi with dates and nature of updation

NISH IT facilities have 8 servers. The IT department has provided 280 desktop systems and 4 laptops across various departments. LAN facility covers the entire campus with 32 managed switches. Proprietary software used includes Microsoft Campus agreement, SPSS, Adobe Master Collection 5.5, 3D Max, MATLAB, Adobe Creative Cloud-1 No, 4Years, and Oracle. A Multimedia Computer Lab System (sometimes also called an educational network) facilitates cross-linking in a computer lab. We have such a multimedia lab with 30 High-end PCs, and another two labs with 60 thin client PCs teaching multimedia software as well as programming. The core function of such a system is the visualization of training content!

VDI (Virtual Desktop Infrastructure)

In VDI, a hypervisor segments servers into virtual machines that in turn host virtual desktops, which users (students and faculty) access remotely from their devices. Users can access these virtual desktops from any device or location over the internet, and all processing is done on the host server only. Users connect to their desktop instances through a connection broker, which is a software-based gateway that acts as an intermediary between the user and the server.

This technology enables students to learn licensed software installed in NISH computer labs from anywhere in the world. This is available to students 24 hours a day, seven days a week. Remote access, cost savings, security, and centralised management are just a few of the benefits. There are a few drawbacks, such as the need for dedicated IT employees to set up Physical VDI servers, as well as the initial high-cost investment in servers, storage, software, and configuration.