

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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4.1.3 Percentage of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS etc

Classroom	Seminar Halls
91.3%	100%

Number of classrooms and Seminar Halls

Classrooms	Seminar Hall & Exam Hall
23 nos	4 nos

Classrooms

- 23 classrooms enabled with LCD, WiFi/LAN facilities.
- 20 Classes have smart board
- 19 classrooms with LMS facilities

Seminar Halls

- 3 Seminar halls with ICT enabled facilities
- 1 Auditorium
- 1 Boardroom
- 1 Audio Visual studio

Library

- NISH library and [RRRLF library](#) are available

Laboratories

- Audiology Research Lab: 5
- Speech Science Lab: 2
- Ear mould Lab:1
- Anatomy Lab: 1
- Computer Labs: 3

Computing equipment and facilities

- 6 servers with configuration of Server 2 X Intel Xeon 8C/16T64 GB 4x16 GB, 16 GB RDIMM, 2133 MHz
- Total of 280 desktop systems and 3 laptops with 100 Mbps speed.
- 26 LCD projectors and TV
- 100 Mbps Internet lease line facilities are available to enable high-speed network connectivity.

Other Facilities:

Creche

As per the Maternity Benefit (Amendment) Act, 2017, it has been made obligatory for the establishments employing 50 or more workers to have a creche facility in the campus. It was inaugurated on 2nd, July 2018 at Dhyam building, max no of 12 - 15 children (6 months to 6yrs) can be accommodated at a time. Creche facility is available from 8.15 am to 5.15 pm. Full time (small kids) and after school facilities (children going to school) service is provided. Payment is in advance, monthly fees of Rs. 2,500/ (full time) and Rs. 1,500/- (for after school care) and services can be provided for a day with a payment of Rs. 150/-. In instances where the no. of children requiring the Creche facility is more, first preference will go to full time kids and second preference for after school care. 2 full time and 1-part time staff are recruited for the same.

Canteen & Kiosk

NISH has a setup of a modern canteen facility for the patients, by-standers, parents, staff and students of 300 sq meter. It is equipped with a kitchen area for food, preparation, washing/cleaning and storage. It is provided with cooking wares and furniture with a facility for preparing food for 150 persons and a dining hall of 80 seats. Power and water / hot water supply are provided. The kitchen is facilitated with LPG and Biogas connection. Two numbers of tea/coffee kiosks also function in two of the buildings to cater the refreshment needs of staff, students and clients. Both the canteen and kiosks provide food at subsidized rates. Canteen committee is functioning with student representatives as well as staff representatives to ensure quality service to the Institute. The committee convenes periodical meetings to monitor and evaluate the functioning of canteen in the campus. The canteen and kiosk operations are outsourced by annual service contract.

Disability friendly Campus

The campus is barrier free and accessible for persons with differently abled (PwD). In this way Accessible buildings and infrastructure including provision of ramps, lifts, tactile signage, fire alarm systems, pathways, accessible toilets etc has been provided with the approval and funding by the Ministry of Social Justice and Empowerment, Government of India.

Sanitary napkin vending machines & incinerators

Two sanitary napkin vending machines are made available near to the ladies' sick/rest room in two of the buildings for the use of staff and students. The disposal of the soiled napkins is being done hygienically with the use of 4 nos incinerators installed in respective buildings. The machines were maintained under AMC with the supplier company.

Solar energy: Solar Plant and Solar water heater

NISH has installed and commissioned a solar power plant of capacity 30Kwp grid-connected since August 2018 to reduce the consumption of electricity and as an eco-friendly green initiative. The solar panels are installed on the rooftop of the Thejas Building. The solar panels have been installed at the campus by M/S KELTRON (Kerala State Electronic Development Corporation) as per the specification and guidelines issued by ANERT (Agency for New and Renewable Energy Research and Technology)

Solar Water Heater

As a renewable energy measure one solar water heater of 500 LPD is installed at top of Amruth building to provide hot water (approximate 80 degree Celsius hot water) at the Canteen kitchen purpose. This hot water can be used for dish washing and cooking purpose

Biogas plant

A biogas plant of capacity 10 cubic meters has been installed nearby NISH canteen premises for the disposal of degradable food waste generated in the canteen and in the campus. The gas generated from the plant is connected to the canteen kitchen and one stove is working using this gas. The slurry generated from the biogas plant used as fertilizer to the garden in the Campus. The service and maintenance of the plant is carried out by one of the accredited agencies of the Kerala government.

Use of LED bulbs/ power efficient equipment

LED bulbs are installed in the corridors of the dhyan building replacing old bulbs to provide more light and hence energy saved. The new building Thejas has installed LED lights in all the rooms.

Solid waste management

As part of the green initiative on the campus, NISH always tries to reduce the waste through reuse, reduce and recycle which ensures the cleanliness and eco-balance in the campus. As part of the plastic-free campus initiative, NISH ensures the green protocol in the various programs of the campus. The activities and guidelines to be followed are prepared by the Green Protocol Compliance Committee at NISH.

The initiative for paperless office through office automation, consistent efforts to reduce the plastic carry bags helps to reduce various forms of solid waste in the campus. The major solid waste materials generated in the college includes dried leaves or plant clippings. There's also a certain amount of food waste from canteen, paper and plastic. The food and plastic wastes from the campus are collected by placing separate waste bins at various locations on the campus. But mostly, the waste consists of biodegradable materials such as kitchen waste, collected from all around the campus, especially the canteens. This food waste is used for composting in a biogas plant unit in the campus. NISH is equipped with a Biogas plant and the collected food waste is deposited in the biogas plants. The gas produced from the biogas plants is used for cooking purposes in the canteen kitchen.

- Other waste materials such as plastic paper cloth fibre wood etc are removed from the campus by a waste management agency accredited by the government of Kerala.
- Conducted several clean drive initiatives in the campus participating staff and students to clean out the building and premises.
- Sanitary Napkin Incinerator: the campus building equipped with incinerators and is maintained by the service provided by the supplier.
- Septic Tank: Septic tanks are maintained in all the buildings to collect sewage waste from the toilets. The emptying is done on a timely manner by the support from Trivandrum

E- waste management

E waste generated in the campus is managed as per the E-Waste Management Rules, 2016. Accordingly, Electronic waste disposal from the campus is regularly undertaken by clean Kerala company an accredited agency of government of Kerala.

Rain water harvesting

A Rain water harvesting system at THEJAS Buildings was commissioned in the year 2017 with necessary filtration systems. The system installed complying standards of RWHS are met as per the DIN standards. The system is connected with 3 separate storage tanks of total capacity 26000 ltr. The rainwater collected in this way is used for the garden watering purpose.

Maintenance of water bodies and distribution system in the campus

NISH is located at the serene lake side of Akkulam. Enriched with greenery and a water body. The campus maintains water bodies and ponds as part of the landscaping requirement.

Restricted entry of automobiles

The institute only allows passenger vehicles inside the campus ranging from two wheelers to passenger buses. Construction vehicles are allowed during the time of construction only.

Pedestrian-friendly pathways

Campus have provisions of pedestrian friendly pathways built as per the norms of accessibility under the RPwD ACT 2016.

Landscaping with trees and plants

The campus premises are well maintained with beautiful landscaping, garden, trees and pond.

- **A location map** of NISH is displayed in Thejus
- **CCTV** installations are available in both Dhyan and Thejus. Dhyan has 45 working Camera installations. Most of them are used for surveillance. The video recordings are available for one month. Thejus have a more sophisticated **IP Camera** installation with a separate monitoring room. A total of 95 IP cameras are installed for covering all the classrooms, Seminar halls, and surroundings. Keeping the video recordings of this system for about 6 months.
- We have **2 generators** with the specification 100KVA and 160KVA in the generator room that is behind the Thejus Building.
- The institution takes steps to ensure campus safety and security. **Services of security** personnel (hired on contract through outsource) include providing 24- hour security to the offices, labs, clinics, classrooms, and all the properties on the campus. All the security personnel are under the control of the Administrative Officer of the institute. All authorized personnel, faculty, staff, and students are given ID cards that they have to wear while on campus. Guests, volunteers, and students undergoing internship programs at NISH are also given ID cards after entering their details in the visitor's register. All the visitors have to enter their name, purpose of visit, and time of entry and exit in the visitor's register. If any students or representatives from other institutions pay a visit, their details are recorded in the register. An **IP dome camera** is kept in the lobby of the ground floor to monitor the visitors.

- The institution ensures that the infrastructure facilities are barrier-free for providing easy access to college and hospital for differently-abled persons. **Ramp facility** is available in Dhyan and **lifts** are provided for differently-abled patients, students, and faculty members in the institution, and wheelchairs are also provided. Wheelchair access, as well as **disability-friendly toilets**, are available in all buildings. Having been set up to cater to the requirement of the differently-abled population, the institution periodically evaluates the adequacy and usage of infrastructure facilities for differently-abled students. The institution has a disabled-friendly environment with adequate **sign boards** displayed at appropriate places. Information regarding current events is displayed on the **E messenger** at the entrance of Dhyan. also. The roads have been leveled and facilities are provided for wheelchair users and geriatric patients.