



Dhirubhai Ambani Institute of Information and Communication Technology

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NAAC Accreditation Grade 'A'

Recipient of Centre of Excellence Award by the Government of Gujarat

4.1.1 The institution has adequate facilities for teaching - learning. viz., classrooms, laboratories, computing equipment, etc.

The institute has equipped all lecture theaters and class rooms with adequate ICT infrastructure. All 25 classrooms have desktop PCs, projection facilities, along with document cameras. In the recent light of the pandemic, all these classrooms were enhanced with live streaming cameras, digital touch pads, collar and podium microphones to ensure that the lecture is clearly audible across the online platforms. The institute also migrated to institute wide Google suite enterprise for education (90 licenses), Gsuite for education (10000 users) to ensure all video and lecture material pertinent for a course, to be available to students 24/7 access from anywhere. The institute acquired licenses for Webex (100 host license for faculty and 6000 student license) and Zoom to accommodate online teaching for large classes of 360 students. The institute also provides licenses for a wide variety of academic software, prominent software and the number of licenses include MATLAB (2000), Netsim (2000), Xilinx (25), Cadence(25), Mentor Graphics (25), Grammarly (500) and Turnitin (2000).

The resource center (library) provides many facilities for a conducive learning environment. The library has been submitting the electronic version of synopses to 'Shodhgangotri', a repository created and maintained by INFLIBNET since 2011. This is in addition to the submission of the full text of the PhD theses copy for 'Shodhganga', a repository mandated by UGC since 2009. DAIICT creates bibliographic records of all theses and dissertations in standard bibliographic formats prescribed by the INFLIBNET Centre. DAIICT is also a content partner of NDLI whereby it shares the digital version of PhD theses in the form of metadata for effective and efficient information search. NDLI harvests this metadata for its users and DAIICT provides full text after due verification. This collaboration has been initiated since 2018. DAIICT Library is a part of Ahmedabad Library Network (ADINET) and Delhi Library Network (DELNET). The local libraries in and around Ahmedabad and Gandhinagar share their resources and expertise. DAIICT also collaborates to organize theme workshops from time to time and also encourages its library staff to present the papers/case studies in relevant conferences and workshops. DAIICT library collaborates with libraries of NID, IIT-Gandhinagar, IIM-Ahmedabad, Physical Research Laboratory, Gujarat University, Central University Gujarat, CEPT, PDEU, Nirma and other leading libraries in India to provide document delivery services to its users. The research profiles of DAIICT faculty members have been uploaded to Indian Research Information Network System (IRINS).

The institute has its own Datacentre with 30 servers with a 10G switch for server farm to provide IT services like email, web hosting, files sharing, software license management, campus management, and imaging of PCs. The Institute also has a setup of a HPC cluster equipped with a 40 Gbps SAN switch and Scientific Linux 7.1 OS, for the B.Tech ICT Computational Science (CS) program. The Institute also has created a computing setup comprising of eight computing servers to facilitate the research work of Faculty, M Tech and PhD scholars. The servers operate on Scientific Linux 7.1. Of these eight servers, three are set up with high-end GPU NVIDIA.