



നാഷണൽ ഇൻസ്റ്റിറ്റ്യൂട്ട് ഓഫ് ടെക്നോളജി കാലിക്കറ്റ്
राष्ट्रीय प्रौद्योगिकी संस्थान कालीकट
NATIONAL INSTITUTE OF TECHNOLOGY CALICUT

Department Profile

B.Tech (CSE)	:1985
MCA	:1988
CSE Dept. formed	: 1997
M.Tech(CSE)	:1998
Ph.D	:2002
M.Tech(CSE-IS)	:2006

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Department Picture



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NATIONAL INSTITUTE OF TECHNOLOGY CALICUT

Sanctioned Student Intake

Department: Computer Science and Engineering

Sanctioned Student Intake

B.Tech(CSE) : 200

MCA : 58

M.Tech :25+5[CS],25+5[CS(IS)]

Ph.D : 15 (with scholarship)



Details of Equipments/Laboratories and their utilization

SYSTEMS 104

Acer Veriton- Intel pentium/4GB/500GB (1)

DELL Optiplex 7010 - i5/4GB/500GB(1)

DELL Optiplex 7010 Large - i7/16GB/1TB (3)

DEll Picision 3440 i5/16GB/250GB (1)

HP 406 G1 MT Business PC i5/4GB/500GB (49)

HP ProDesk 400 G7 Micro Tower PC- i7/16GB/1TB (1)

HP ProDesk 400 G7 small Form Factor PC- i5/8GB/500GB (15)

HP ProDesk 600 G1 SFF - i5/8GB/1TB (15)

HP ProDesk 400G5 SFF- i5/4GB/1TB (7)

HP ProDesk 600 G2 SFF - i5/8GB/1TB (11)

Server HP ML 150 Gen9 E5-2630V3 8SFF Server (767064-B21), Ram 16*4GB, HDD 900*6 GB

Printer Canon MF244dw

Projector EPSON lcd Projector H720C



Short Description about the Lab

The lab fosters research in the emerging area of Bioinformatics, Computational Biology and provides the infrastructure for conducting the regular labs and project works for the M Tech program.

Lab In charge Details:
 Dr. K. A. Abdul Nazeer
 Id: nazeer@nitc.ac.in



Details of Laboratories and their utilization

Cloud Computing Server: Dell Power Edge T620: Processor : Intel Xeon 65 2690v2 @ 3.0GHz, RAM : 256 GB, HDD : 6TB, OS : Cent OS

SYSTEMS (30 + 1 No.s)

1. Dell Optiplex 7010(30 Nos.): Processor : Intel Core i53470 CPU@3.20GHz, RAM : 4 GB, HDD : 500 GB, OS : Ubuntu 16.04(LTS)

2. Dell Optiplex 755 (1 No): Processor : Intelcore2DouCPUE4500@2.2GHz x2, RAM : 2 GB, OS : Ubuntu 16.04(LTS)

WORK STATIONS (2 Nos)

1. Dell Precision T3610(1 No): Processor : Intel Xeron E51620v2 Quard Core HT3.76GHz Turbo, RAM : 8GB, HDD : 1TB, OS : Ubuntu 16.04(LTS)

2. FUJITSU CELSIUS M740 Power (1 No): Processor : Intel Xeon E5-2630v3 2.40GHz 20MB Turbo Boost, RAM: 16GB, HDD: 2*1 TB, OS: Cent OS 6.6, HIGH-END PC

3. Dell Optiplex 7010 (2 Nos.): Processor : Intel Core i73770 Quard Core CPU@3.4GHz, RAM : 16 GB, HDD : 1TB, OS : Ubuntu 16.04(LTS)

System inside the cabin

Lenovo Think Centre All-In-Ones M Series: Processor : Intel Core i3, RAM : 4 GB, HDD : 500 GB, OS : Windows 8.1



Short description about the Lab

The lab is equipped with state-of-the-art computing facilities with wired and wireless Internet connectivity.

Lab In charge Details:

Dr. Pournami P.N

Id: pournamipn@nitc.ac.in



Department: Computer Science and Engineering

▪ Details of Equipments/Laboratories and their utilization

▪ Rack Server

1. **Dell PowerEdge 2950 (1 No.)** Processor : Intel Xeon E5430 @2.66 GHz, RAM : 8 GB, CPU Cores :4 HDD : 292.3 GB, Platform : Linux
2. **Fujitsu Primergy RX 300S8 (1 no.)** Processor : Intel Xeon E5-2697 v2 12C/24T 2.7GHz, RAM : 64 GB HDD : 5x500GB Platform : Linux

▪ SYSTEMS (35 Nos)

1. **Dell Optiplex 7010 Desktop(30 Nos.)**: Processor : Intel Core i5-3470 CPU @ 3.20 GHz, RAM : 4 GB, HDD : 500 GB, OS : Ubuntu 14.04(LTS)
2. **Dell Precision T3610 Workstation (1 No)** : Processor : Intel Xeon E51620Vz Quad core HT 3.7 GHz TURBO , RAM : 8 GB , HDD : 1 TB , OS : Ubuntu 14.04(LTS)
3. **Dell Optiplex 7010 MT Desktop (High End) (1 Nos.)** : Processor : Intel Core i7-3770 Quad core CPU@3.4GHz, RAM : 16 GB, HDD : 1TB , OS : Ubuntu 14.04(LTS)

- PRINTER : Brother HL-L2361 DN LaserJet Network Printer
- Wi-Fi ROUTER: NETGEAR ProSAFE Wireless N Access Point



Short description about the Lab

This lab was established as part of a project "Centre for Speech and Natural Language Processing", with a view to promoting research activities in areas like Artificial Intelligence, Bio-Informatics, Natural Language Processing, Knowledge-based Systems, and Information Retrieval. This lab is currently being utilized by the MTech students of the Department for their project and research activities. The lab is equipped with state-of-the-art computing facilities with seamless wired and wireless Internet connectivity and is functioning round-the-clock with students' assistance.

Lab In charge Details:
 Dr. Raju Hazari
 Id: rajuhazari@nitc.ac.in



Department: Computer Science and Engineering

- Details of Equipments/Laboratories and their utilization

Desktops

Dell Optiplex 7010: "Core i5 (3rd Gen), 4GB RAM500GB HDD" 65

HP Prodesk 400GT SFF : "Core i5 (10th Gen), 8GB RAM500GB SSD" 8

FUJITSU Celsius Workstation: "intel C612, 16GB RAM1TB HDD" 1

Dell Precision T3610 Workstation: "Xeon E5 1620,8GB RAM1TB HDD" 1

HP Z6 G4 Workstation: "Xeon 4208, 32GB RAM1TB HDD" 1

Servers

Lenovo ThinkSystem SR 550: "Xeon(R) Gold 6226, 100GB RAM2TB HDD" 1



Short description about the Lab

The objective of this laboratory is to provide the infrastructure for conducting the regular labs (Data Structures Lab, DBMS Lab, Compiler Lab, and Programming Lab) and project works for the Btech program. The lab is equipped with state of the art servers, desktops and software (Linux and Compilers for C, C++, Schema, TCL, PHP, Java etc).

Lab In charge Details:
 Dr. Jayaraj P B
 Id:jayarajpb@nitc.ac.in



- Details of Equipments/Laboratories and their utilization
- Desktops
- Dell Optiplex 7010: "Core i5 (3rd Gen), 4GB RAM500GB HDD" 47
- HP Prodesk 400GT SFF : "Core i5 (10th Gen), 8GB RAM500GB SSD" 29
- FUJITSU Celsius Workstation: "Xeon ES 2630 , 16GB RAM2TB HDD" 1
- HP Z4 GA Xeon Workstation: "64GB RAM, 1TB HDD512GB SSD" 1
- Servers
- FUJITSU Primergy: 8x8GB RAM, 5x500GB HDD(SAS) 2
- Dell Power Edge 2950 : 8GB RAM, 146GB HDD 2
- Dell Power Edge R740: 64 GB RAM, 6TB HDD 2
- Dell Power Edge R740: 64GB RAM, 4TB HDD 2



Short description about the Lab

The objective of this laboratory is to provide the infrastructure for conducting the regular labs (Data Structures Lab, DBMS Lab, Network Lab, Compiler Lab, OS Lab, Hardware Lab and Programming Languages Lab) and project works for the BTech Program. The lab is equipped with state of the art servers, desktops and software (Linux, Debian and compilers for C, C++, Perl, TCL, PHP, Java, Python, etc.).

Lab In charge Details:
 Dr. Jimmy Jose
 Id: jimmy@nitc.ac.in



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Department: Computer Science and Engineering

- Seat Capacity: 50
- This seminar hall used for various purposes like
Guest lectures,
Student meetings,
Faculty meetings and etc.





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- Seat Capacity: 20
- This APJ hall used for various purposes like

Ph.D- Oral Examination,
DCC Meetings and etc.

Department: Computer Science and Engineering

