Infrastructure

Laboratories

- The Department of Information Technology has a wide range of computing resources and laboratories available to support its educational and research missions.
- Computing is provided by over 300 Windows and Unix-based workstations and servers, located in laboratories, machine rooms and offices.

Hardware Laboratory

The Hardware Lab is populated with 20+ lab workstations augmented by state-of-the-art digital and embedded computer hardware/software development equipment. PC's are pre - loaded with contemporary development software. Development kits are available to students containing hardware to facilitate development on popular microcontroller and programmable logic platforms.

MM Hall [Multimedia Hall]

A 120 fixed-seat auditorium is equipped with permanently installed audio visual and video-conferencing equipment including wall mounted LCD projector and speakers.

Server Room

The networked computing facility of CHARUSAT is controlled from the server room of the CSPIT equipped with IBM Blade Server of latest configurations to host the cloud computing application.
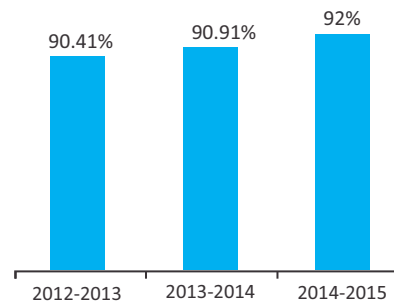
Class Rooms

All the classrooms are well equipped with LCD projectors and computing facilities.

Major Recruiters

Infosys · Tech Mahindra · Sibridge Technologies · TatvaSoft · Cyberoam · Elitecore · eInfochips · iGATE · info stretch · L&T Infotech · Gujarat State Fertilizers & Chemicals Ltd. · Syntel · TATA Consultancy Services · eClinicalWorks · Thomson Reuters · ZEUS Learning · infibeam.com · IBM

And Many more...

Placement Record

2012-2013	2013-2014	2014-2015
90.41%	90.91%	92%

- Students get the remarkable opportunities for placements.
- A package of Rs 9 lakhs offered at GSFC.
- Many of the students pursue higher studies or own business venture.

CHARUSAT

CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

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cspit

Chandubhai S Patel Institute of Technology

Department of INFORMATION TECHNOLOGY

Scope of Information Technology

- Information Technology (IT) is an engineering branch, which concentrates on the study of utilizing computers and telecommunications in order to control, gather, store and circulate information.
- Prospective information technologists are supervised and guided by experts to study and solve complex problems in computing in all walks of human endeavor especially in business, science, medicine, and education sector.
- Information Technology Engineering grooms research scientists who have passion for invention and novel design of new technology and explore new vistas for the use of existing technology.
- The scope for the sector is enormous in India, as the requirement is huge, more and more colleges and courses are offered to meet the manpower needs of the industry.

About the Department

- The Department of Information Technology was established in the year 2000 and offers B Tech and M Tech programmes, with following number of seats.

B Tech (IT)	120
M Tech(IT)	18

- The department has strong collaboration with industries and institutions and has signed MOU with many leading industries. It has competent and enthusiastic teachers.
- Research activities are carried out on big data, computer networking, cloud computing, web technologies, information security, which are the major thrust areas of the department.

Parent's Testimonial

- It was a good decision to enroll my son in this institute as the faculty were very supportive and so was the education quality, which helped my son to shape his bright future and get his first job in the world's 2nd valuable IT Firm (TCS).

  -Bhavesh Parikh & Purvi Parikh(Parents of 2015 batch pass out student-Parth Parikh)

- CHARUSAT has been a very good experience for me.

  I appreciate the interest of the faculties and the department in the benefit of their students. I would like to thank the department as well as the University for the effort they have shown in the path of success for my daughter.

  - Dr. Uday Shah
  (Father of student Vishwa shah, 6th semester)

Faculty Strength & Achievement

- The department is enriched with 30 dedicated teachers, having degrees of Post graduates from the reputed institutes. Few of them are pursing Ph D.
- More than 80 research articles have been published.
- Published around 7 books in different areas of Information Technology and Computer Science.
- Teachers are called to deliver expert talk and activities related to academics at other institutes.
- Many teachers are having cleared various certificated like MOOC, OCJP, RHCE etc.
- Teachers are acquainted to industry practices and needs by having industry training during vacation.

Student's Achievement

- More than 30 students have cracked OCJP certifications.
- Dhruv patel secured 1st rank in "Google De" competition organized at DDU,Nadiad
- Abhishek Deshpande secured 1st rank in Galaxy runner at GTU Techfest.
- Manthan Patel, Tulsi Kaila and Abhishek Deshpande, students of 6th Semester have secured 1st position in Event of "Line Follower" at Felicific'15 organized by DDU,Nadiad.
- Sarjan Patel, Harshil shah, Vraj Patel have secured 1st position in the Event "Kouiza Tekno" at DDU,Nadiad Felicific'15 .
- Zalak Patel is awarded Champion Performer at TCS during 8th semester training
- Parth Parikh is awarded Trend Setter at TCS during 8th semester training.

- Hardik Gami has won 1st prize in chess west zone,at Maharashtra, Raholi.
- 6 Post graduate students have attained international certificates in R Programming conducted by Course era.

Workshops & Industry Visits

- GUJCOST, IEEE, MHRD-IIT sponsored workshop are organized on the various domains like Data Algorithms, NS-3, .Net, Research Methodology in Science and Engineering, Animation, Computer Networking, Computer Programming, Advanced Computing and big data, Database Management systems, Hardware Virtualization, Android Development and many more.
- Industry visits are arranged at regular intervals to upgrade student's knowledge and impart industry exposure.

Industry and Research Exposure

- Students are motivated to undergo summer training at various industries to get familiar with industry environment.
- Teachers undergo one week industry training.
- Students of B Tech. and M Tech final year pursue projects and dissertation work as an intern with various industries like TCS, iGATE, ISRO, BARC etc.
- All teachers are member of technical and professional bodies like IEEE, CSI, ACM etc. and attend national/international conferences and workshops to enhance their domain knowledge.

Professional Activities (Through academies)

- Various academies like CISCO, ORACLE, MICROSOFT, CCNSP and others are managed by the department for Certification Courses for Students and Faculties.