

Industry & Research Exposure

- Final Year B. Tech. and M. Tech. students do project and dissertation work under various organizations like ISRO, BARC, PRL, IPR, TCS and many more.
- Faculties and students have membership of technical bodies like CSI, IEEE and ACM etc.
- Industry visits in various organizations for providing practical exposure to students.
- CHARUSAT is also offering Research Internship.

National/International Events

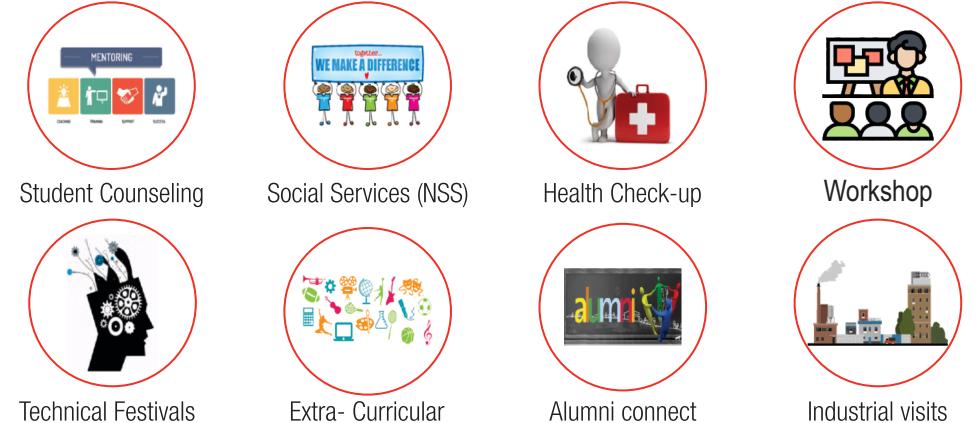
- GUJCOST, IEEE, DST AICTE sponsored workshop are organized on the various domain of computer engineering like Cloud Computing, Mobile Application Development, Arduino, Graph Theory etc.

Specialty Labs

- Big Data Analytics Lab
- ICT Lab
- Internet of Things Lab
- Machine Learning/Deep Learning Lab
- High Speed Networking Lab
- Full Stack Development Lab
- Open Source Development Lab



Student Activities



Training and Placement Preparation



Research & PG Dissertation cum Internship Tie-up with Institute of Repute and Industry



Brochure

CHARUSAT®
CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

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NAAC GRADE **A+**

CENTER OF
EXCELLENCE
GOVT. OF GUJARAT

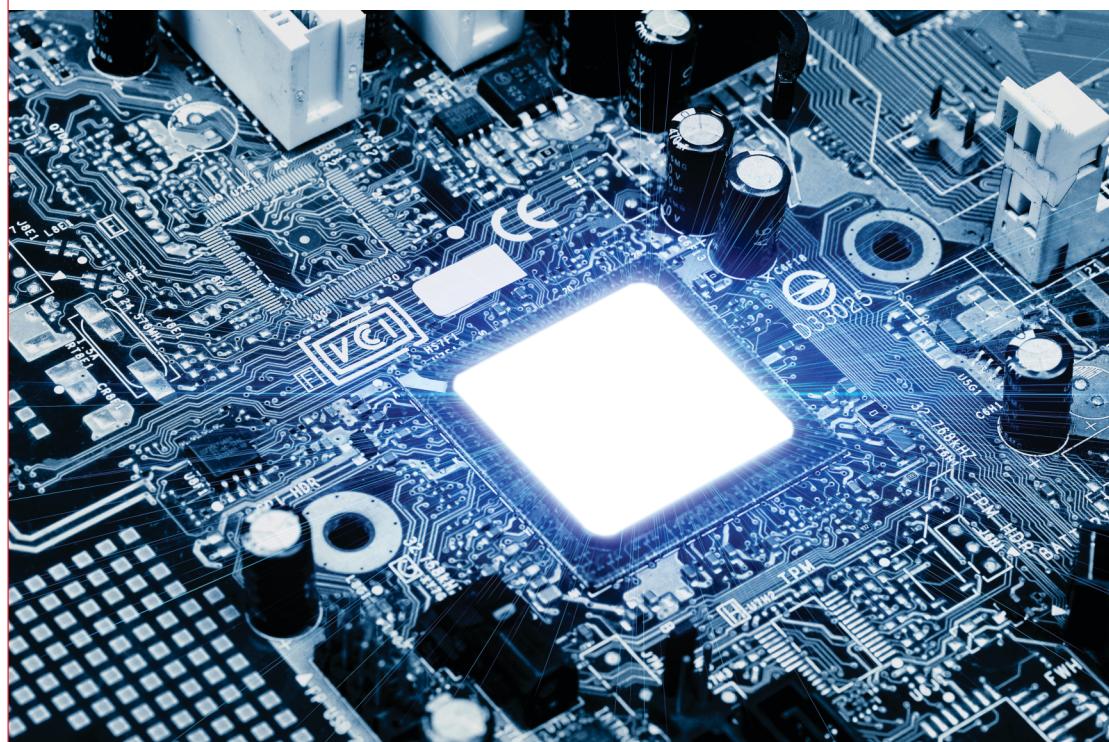
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GSIRF
GOVERNMENT OF GUJARAT

nirf
ONE OF THE TOP THREE
UNIVERSITIES OF GUJARAT
WITH NIRF RANKING

CHANDUBHAI S. PATEL INSTITUTE OF TECHNOLOGY



U & P. U. Patel Department of COMPUTER ENGINEERING (Estd. 2000)



VISION

To emerge as an eminent research driven entity in Education in the field of computer engineering to meet the needs of the fast paced modern society.

MISSION

To develop competent and responsible Computer Professionals for amelioration of the society at large.



About Department

The Department of U & P U Patel Department of Computer Engineering (Estd. 2000) offers...

Bachelor of Technology (Computer Engineering):	120
Master of Technology (Computer Engineering):	18
Ph.D. Program	

- Department has received NBA (National Board of Accreditation) two times i.e. 2013 and 2016.
- Competitive programming contests are organized regularly by department in various programming subjects to give students' flight for career preparation and advancement.



Faculty Strength

- More than 200 research papers have been published in reputed International journal and conference by faculty members.
- Teachers are receiving awards from various research organizations like,
 - Prof Aayushi Chaudhari was awarded Best Research Paper Award in an International Conference on Artificial Intelligence, Security and Communication (AISC) 2022 indexed in Springer SNCs Journal.
 - Research Paper titled "Detection and analysis of COVID-19 in medical images using deep learning techniques" of Dr. Chintan Bhatt has been indexed by WHO database.
- Teachers are competent to offer industry international certifications like,
 - Dr Ritesh Patel is awarded by CISCO for fifteen years of active participation & dedicated service in Cisco Networking Academy.
 - Prof. Sarita Thummar provides training for "Redhat System Administration".

Student Achievements

- 500+ students have cleared CCNA certification.
- 100+ students are undergoing the training AWS certified Cloud Practitioner.
- 20+ students are undergoing the training AWS certified Solution Architect.
- Remarkable achievements are...
 - Aayushyamaan shah and Team
 - Seed grant amount of 58,000 Rs for ZAP development from Charusat University
 - Received grant 2,07,445 Rs for project "ZAP" a RFID based attendance management system under SSIP.
 - Received purchase order for the ZAP Product amount of 9,00,000 Rs.
 - Gaurang Patel received grant 1,93,707 Rs for project "NewsBy" a summarization news application under SSIP.
 - Adnan Vohar and his team got first rank in Azadi ka Amrit Mahotsav hackathon – 2022 also received 50,000 Rs cash prize for project entitled "ekAyana- meeting management solution for government organisations"
 - Raj Dodiya & Ved Bhanusali got third rank in Binance Ideathon "Blockchain is Good" organized by i4C.
 - Aditya Patel's project entitled " Virtual Reality and Augmented Reality to Augment Learning outcomes of School Children" was selected under Unnat Bharat organized by IIT Delhi.

Teaching Methodologies & Learning



Active MOUs

- **CHARUSAT-Motorola Solutions Research and Innovation Center (CMRC):** Students are getting industry exposure while they learn.
- **Center of Excellence under Unnati Program:** Student are getting trained for futuristic technology.
- **InfoPrecept:** Student are getting skills for cyber security domain and technology diversity.
- **Redhat Academy Partner:** Students are getting trained for Redhat System Administration and OpenShift Applications
- **CodeChef:** Students are getting exposure to compete with students of International level to resolve logical problems.

Student Supports and Best Practices

- Effective Students counseling in the areas of Academic, Social, and Personal Matters through structured Student Wellness Programme assisted by Clinical Psychologist.
- Enhance learning through online platforms NPTEL, COURSERA, Google Classroom, SWAYAM, edX, Moodie, Edmodo, Leetcode, Coding Ninja and Impartus video lectures for the students is a general practice.
- Students are assisted for various competitive exams, like TOEFL, GRE, GATE, CAT, Professional Readiness Support, etc.
- Activities of support from the alumni association and parent-teacher association.
- Industry ready student knowledge by working on live project.
- Focus on holistic development of students.
- Regular Health Checkup
- Training & placement is imparted in the area of communication skill and aptitude to the students to make them employable.
- Department is regularly hosting short-term visits by accomplished researchers from various countries under ENDOWMENT CHAIRACTIVITY.
- Opportunities to conduct research and develop live projects with faculty allow students to craft unique educational experience.
- Students get exposure to adapt industrial practices, improve their critical thinking and develop technical proficiency by taking summer internships in renowned companies.



INDUSTRIAL VISITS



Winner of Code Pie 2.0



Industry Visit Einfochips,Ahmedabad



Industry visit Motorol Solutions



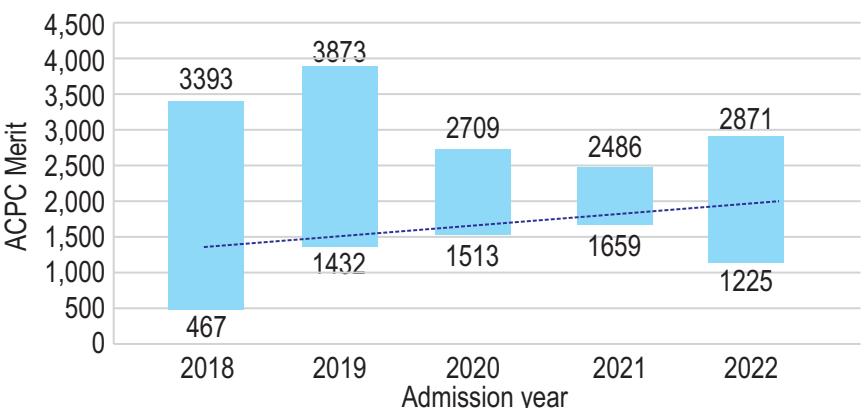
Rishabh Software Pvt. Ltd.

CHANDUBHAI S. PATEL INSTITUTE OF TECHNOLOGY



U & P. U. Patel Department of COMPUTER ENGINEERING

ACPC Merit Cut-off Year Wise:



Placement Record



Academy

Apart from regular teaching, faculty provides coaching for international certifications.



Students Chapters

Students community has involved in various technical events through different chapters and club activities.



Course Website

Students experience @ CHARUSAT



The thin line that divides knowledge from application and willingness from doing also delineates success and failure. Charusat University has been a fantastic experience for me. Success is a journey, not a destination, as I have discovered here. Charusat University's U & P Patel Department of Computer Engineering has consistently made this journey fascinating. Faculty members are very helpful and go out of their way to instill academic knowledge and practical skills in students. A variety of campus activities helped me to hone my skills and entire development along with academics. I have learned not only how to be a good engineer, but also how to be a decent person.

-Dax Patel



This place has magic. Magic to convert aspirations into actions, dreams into achievements and desires into reality.

It's not merely about the best in class studies, campus life or fancy placements, but things more important than this, things that are not tangible. It introduces you to thousands of extraordinary people. A conducive environment & a great support system kept pushing me forward to make it all worthwhile.

I would like to thank all the faculties and the entire department for enriching my life with wisdom, skill and power. Thank you for sharpening my skills. I feel privileged to have studied under careful guidance, with such a class and calibre. Thank you for challenging me to think further, work harder and dream bigger. Thankful to everyone for building a strong foundation of knowledge and values.

-Hardev Khandhar



From printing "Hello World" in Turbo C++ to competing and beating students of IITs and NIT's not once but thrice in hackathons, that's level of resources CHARUSAT provides to their students. Despite the fact that I was a complete beginner in the programming world, my professors at CHARUSAT saw potential in me and helped me advance to the point where, in my final year, I was receiving an award and a cheque for 2,00,000 INR from the deputy chief minister of Gujarat. The relationships and networks I formed at the university extended beyond the four years I spent studying undergrad, but they helped me get admitted on a full scholarship to the University of Alberta for my master's programme. I appreciate all the support, CHARUSAT.

Brij Patel

Software Developer at Thomson Reuters
North York, Ontario, Canada



CHARUSAT's computer department (cspit-ce) provided me with the chance to interact with other people and pick up new skills. I've gotten a lot of help from the faculties and the placement office. I appreciate the Training & Placement cell for giving me the chance to develop my abilities and for giving me a platform on which to do so. I would like to thank my wonderful university for all the support that helps me to grow in my professional career.

Keyur Talati

Sr. Security Analyst at FireCompass
Bengaluru, Karnataka, India



Yash Patel Security Engineer, Microsoft "Pursuing B.Tech from CHARUSAT was life changing for me, I found faculties very positive, motivated and highly skilled in their area. I met the best people during my undergraduate who not only helped me find my passion but also always motivated to achieve more. I would also like to call out the great initiatives by professors, like Microsoft, Oracle, AWS academy sessions, Expert Seminars, Extraordinary Presentations and Labs and Experimentation. Here faculties not only focus on engineering studies but also overall development who can help you find your passion, finding guide as well as helping you balance engineering with extracurricular activities like music, art, dance and sports etc. I would highly recommend CHARUSAT for those who are passionate about Machines and wants to learn/grow, explore different areas and achieve more."

Yash Patel

Security Engineer, Microsoft