Department Of Computer Science

"The future depends on what you do today." — **Mahatma Gandhi**
"The future is there... looking back at us. Trying to make sense of the fiction we will have become." — **William Gibson,**

Department of Computer Science of our College is contentiously and consistently working today for making the better tomorrow. It is a meticulous day to day activities back-boned by the vision and strategic planning that drive us further on our path towards growth and sustainability. The focus, dedication and teamwork of all who are part of the computer science department that increases the trust and confidence in our thrive for better tomorrow. So, with the same confidence and the deep trust on our growth we are here putting up the account of our actions   in past one year to attain the step forward towards our long term goal.

STUDENT ACTIVITY -2018 -19 (Co-ordinators: Mr. Shripal Shah and Dr. Kinjan Chauhan)
Our students actively participated in various competitions held by colleges in Gujarat and brought in laurels to our college.

Sr No.	Event Name	Event organizing College	Name of students	Class & Div	Rank/ Award
1.	Impetus 2019(Spring Puzzle C/C++)	S.V.Patel col of Comp.Sci.& Business Management	Ms. Hritivi and Mr. Utkarsh	SYBSc-A	First
2.	mind storm 2019 "Relay Programming"	C B Patel computer collge & J N M Patel Science College	Ms. Hritivi and Mr. Utkarsh	SYBSc-A	Third
3.	Ignite IT 2019	Smt Chandaben mohanbhai Patel Institute of Computer Applications, changa	Mr. Hiren Chauhan and Mr. Sanjay Pipaliya	M.Sc CA Sem-4	First

Student Activity Committee also held two event (Guest Seminar) in the Even Semester 2019.

Event 1 : An expert lecture on "Search Engine Optimization" was organized on 24/01/2019 for Third Year BSc Students. The technical session of three hours was conducted by Mr. Hitesh Satani and Dr. Kalpesh Popat from Marwadi University who introduced the basic objectives and working of Search Engine Optimization with crawling and indexing. Mr. Hitesh Satani explained about effective use of search engine with help of various tags, scripts, file types, content types and keywords with a live demonstration of effective searching.

Event 2 : Program on learning technology was organized by Undergraduate & Post graduates The technical session was carried for 3 hours which was conducted by S. Vinay kumar, Gaikwad Santosh and H. Topiwala of Zoom technology. The session enligntened students about Ethical Hacking and Countermeasures, Cisco WAN Technology, Cloud Tech, Open Source AWS and its related topics.

Training   & Placement , Computer Science Department (Dr. Rupal Snehkunj)

The T & P cell has organized different training activities to strengthen capacity of young talents and raise their confidence towards their goals of life. The cell has also organized several activities to

enhance the employability and facilitate employment opportunities for the students.

During the year 2018-2019, the event was organized on 17th January 2019 to ignite the students through motivational speech for their career advancement. The career guidance seminar organized for computer science students was the grand success with 250+ CS students and 02 faculties of CS department. Mr. Shabbir sir spotted the need of various technical and non-technical skills to be developed to polish the personality of the students for grabbing good career opportunities. The students were amazed to know that non-technical soft skills percent more to polish the personality of the students for grabbing good career opportunities.

The another training program was organized with the support of Central Training and Placement cell of Sarvajanik education society on the topic "**CHANGE BEFORE IT's TOO LATE"** date: 6th August 2019. This motivational and directional program has been organized for final year students of SRKI(CS,MB,ES,PGDMLT) and Sir P.T.Science college. In the said event , approx. 400 students and 10 faculty members participated amongst them approx 90+ students were from computer science department.

The final year students attended the training program "**Career opportunities in Gem and Jewellery industry**" organized by Sarvajanik education society were approx 80 computer science students attended on the date 15th February 2019 from the timing 10:00 a.m. to 12:00 p.m. The students learn that the process from manufacturing to delivery in this industries is fully automated.

To encourage students for competitive exams such as UPSC/GPSC and mould their non-technical personality, the computer science students were sent at IIA academy, Vesu road, Surat for 2 days workshop on the date 26th and 27th January 2019   for more than 3 hours sessions.

The soft skill workshop was organized on 6th May 2019 at TIFAC SCET seminar hall were more than 50+ computer science students attended the same. The timing for the session was from 10:00a.m. to 3:00 p.m..   The program covered the attributes such as Dealing with 21st century requirements,Personal SWOT analysis, Job ready training and Unstoppable professional qualities.

There are various openings such as online marketing manager, chief design officer, quality control manager, etc. with executive starting packages of about 4 lakhs -8 lakhs.

As the part of   job placement, the following students went to KOTAK campus placement at TIFAC organized by CTPC cell, SES on the date 31st January 2019 timing 10:00 a.m. Also the students went to JARO campus placement at TIFAC organized by CTPC cell,SES on the date 5th January 2019.

Also,more than 100 students appeared in TCS written test through TCS ignite exam during January 2019 amongst which 2 computer science students were selected as junior software developer to work with TCS.

1) Rahulkumar Jayprakash Shah   T.Y.(Computer Science)

2) Hiren Chauhan   M.Sc.(Computer Application)

This year many companies were communicated for project intership and job training such as Coderkude technologies, Elite technocrats, Hard N Soft Consultancy, Coldfin Lab,   LaNet, Narola and many more.

Infrastructure and Laboratory Management

(Mrs. Priti Patel, Mr. Shripal Shah, Dr. Kinjan Chauhan, Dr. Charmi Patel, Dr. Rupal Snehkunj Mrs. Shweta Bhatia, Mrs. Yesha Mehta and Mrs.Nidhi Vaniyawala)
Laboratory is the vital part associated or required for the effective implementation of curriculum, to impart the professional technical skills into the students, making them Job confident and job ready. To keep the equipment functional, each unit requires regular check-up and maintenance. Properly maintained equipment always strengthens the academics involved in the coverage of the theory, essential for building up of theory.

Methodology :
For effective implementation of matured and technically sound approach, following procedure is adopted:

A) A top level committee of experienced teachers involving with 2-3 members from department is formed.
B) The committee prepares Laboratory wise list of old and nonfunctional equipment which require repairs/upgradation, informs the AMC vendor/Service Providers and tracks the status of the work.
C) The Committee also identifies the future requirements , prepares budget and carries out purchases.

Upgradation undertaken in the year (2018-19):

1. Some old desktop PCs were replaced with Latest core i7 technology PC's.
2. The RAM capacity in all PCs have been upgraded to 8GB.
3. HDMI and VGA new cables has been installed in classroom's.
4. Several internet broadband lines with high bandwidth are subscribed for highspeed internet provision for students as well as staff.
5. **Regular renewal of software including Microsoft Academic Alliance and all other software required by curricula as well as for teaching aids.**
6. **The website was restructured to reflect the goals, activities and their outcomes and for better visibility.**

All in all, it is time to move on, with the experiences and learning from the past, and with vision of   the bright future.

Thank you all who have made it a fruitful efforts.