15TH FEBRUARY

SARDAR VALLABHBHAI PATEL INSTITUTE OF TECHNOLOGY

2018

SVIT HORIZONS

SARDAR VALLABHBHAI PATEL INSTITUTE OF TECHNOLOGY

MANAGED BY NEW ENGLISH SCHOOL TRUST (NEST), VASAD

Special Achievements

♦ SVIT is proud to announce that ,two students ,Ms. Samrudhi Mehrotra and Ms. Sneha Tiwari got recruited in BYJU'S (Think and learn Pvt. Ltd.) with a package of rs. 9 Lacks per annum.

♦ Ms. Charu Bhadauria has been placed at Tata Consultancy Services(TCS) through Codevita Contest.She has been placed without any training period assigned or any bond restrictions. Her annual package is rs. 6,33,444 per annum.

♦ Dr. Umesh Patel, Librarian of SVIT, has written and published a book which was unveiled by our principle Dr. D. P. Soni and the faculties on 3rd, February, 2018.

Unveiling of Books Authored by Dr. Umesh Patel, Librarian, SVIT-Vasad at Principal's Office on 3/2/18

♦ Every year, in January, Baroda IT Association (BITA) organizes a 3- day technology fair where all tech enthusiasts from Vadodara showcase their products to the attendees. As a part of the fair, they even conduct a three stage IT Quiz Competition where ,students take part to test their knowledge and skills. This year a team of three students from SVIT, Vasad, Tanmay Vakare (LY Information Technology), Kshitij Verma(TY Computer) and Vedant Jain (TY Computer), not only participated but also bagged first position in the competition, displaying their substantial knowledge in the field.

◆ Government of India organized Startup India yatra to promote young entrepreneurs and a special achievement was made by the students of computer department.At first stage'yatra was organised at zonal level at 4 different zone covering all the cities across Gujarat, from each zone top-10 teams were selected for finale at IIM Ahmedabad. With great fortune, 2 teams were selected for finale from Vasad zone from computer department, they are

       -Team 1(Zonal Rank -3rd)

       Topic - Smart fingerprint Identifier.

1)Vyas Shiv (TY CE)
2)Rohan Chitale (LY EE)
3)Samruddhi Landge(TYCE)
4)Bhagyashree Pandit(TYCE)

       -Team -2(Zonal Rank-2nd)

       Topic- Automation on Agriculture.

1)Kshitij Verma (TYCE)
2)Vedant Jain(TYCE)
3)Vraj Patel (TYCE)
4)Gaurav chowder (TY EC)
5)Lalti kumar(TYEC)

◆ From around 60-70 final Start-up ideas,top-20 teams were given Incubation offer. From Computer department, Team 1 was offered Incubation offer as they were among those top-20

Civil Department

◆ Civil Department had organized a study tour for the subject of 'Environmental Engineering' at water treatment plant and French well, Dodka on 14th September 2017. A total of 54 students from third year as well as 3 faculty members (Pro. Shefali Shah, Dr. Roopali Goyal and Mrs. Parul Patel) were benefited by this visit. The students have gained the knowledge about collection and treatment of water for Vadodara city.

◆ Department of Civil Engineering had organized a two days National seminar on "Current Issues, challenges and advancements in Environmental engineering" during 2nd -3rd February,2018 in collaboration with Gujarat Technological University (GTU) for professionals of Environmental engineering / Civil engineering. Expert speakers were invited from Academics, Industries and consultancy services of the field of Environmental engineering. 25 participants from various colleges of GTU had taken the benefit of this National seminar.

Information & Technology Department

◆   As an integral as well as an auxiliary part of the Information & Technology department ,orientation programs were conducted for the students entering the even semester, in various time slots from 10:30 to 12:30, on 26th December 2017.The program was well prepared and scheduled by the professors of the dept., and was attended by a good strength of students. Prof. Nisha Shah,(I/C)HOD ,IT briefed the students and discussed the objectives of the new semester for the academic year 2017-18.Useful tips and orientation points were discussed which included:-

     -Attendance compulsory more than 75%.
     -Exam Schemes.
     -Introduction of new subject faculties.
     -Skill development and FTKT.
     -Teaching scheme discussion
       (Seminar, ALA, LAB, and LECTURE).
     -Virtual Placement.
     -The program concluded by the distribution
       of the TOP 10 certificates to the students
      by the faculty members.

◆   Seeing the tremendous interest of students in the upcoming genre of IoT, IT department organized a two days workshop on September 15-16, 2017 wherein Prof. Jignesh Patoliya, Assistant Professor, EC department from CSPIT, Changa, introduced the technical know-hows of IoT by conducting a practical session along with a discussion on sensor devices and programming tool 'Arduino'. Around 42 T.Y and L.Y students attended the workshop and were provided with necessary toolkits to perform the tricks and techniques.

◆   A talk on "Developing web application using .NET framework" was arranged on 29th January ,2018 by IT department which was delivered by Mr. Krunal Trivedi, an expert in technologies of Microsoft. It was an interactive session and covered good topics on .NET framework and development of web application using .NET. About 85 students from T.Y. attended this talk.

◆   The Department of Information &Technology, organized a one-day Educational visit to Vikram Sarabhai Space Exhibition, a unit of Space Applications Centre - ISRO, Ahmedabad. The visit was on 30th January, which was attended by 128 students along with 4 faculty members. Scientist H.B. Pandya provided detailed information on SAC activities and their role in ISRO's missions. The exhibition had information panels and working models which further aided in the knowledge gained by the students.

◆   The orientation program was arranged on 25th December, 2017 for SY, TY, LY in Computer department. Students were informed regarding their syllabus and subjects. Top 10 certificates were distributed for different category to the students.

◆   As a part of Training & Placement activity, Computer department have conducted mock placement round for SY,TY students on the following dates:

    TY I & II dt : 05.02.18 ,
    SY I & II dt : 07-02-2018

    In Mock Placement, three rounds were conducted :

    - Aptitude
    - Group Discussion (GD)
    - Personal Interview (PI)

◆   Ms. Charu Bhaduria of Computer department, has been recruited in TCS through TCS CodeVita contest and got the highest package of Rs 6,33,444/- among all other students who got selected in TCS.

◆   Computer dept. started 'RED HAT Academy' at the institute. SVIT is a official partner with 'Red Hat Partner' program for one year (February 2018 to February 2019). This certificate course is beneficial for every discipline's students due to it's open source and popularity at industry levels

◆   Well, not only in the technical field but also in other co-curriculum activities, the students of Computer department participated enthusiastically. Students like Prachi Nanavati was a part of Basic Civil defense trainee at college level whereas Pushp Rathatava secured 1st rank in Archery at the inter zonal level. Moreover both also volunteered for Vadodara Marathon, 2017 at district level.

Instrumentation & Control Department

◆ Instrumentation & Control Engineering department had organized an industrial visit at Meghmani FineChem LTD, Dahej on 13th September, 2017. Total 51 students of T.Y., I&C as well as 3 staff members (Prof. Dipesh Shah, Prof. Nilesh Dewani and Prof. Ukti Parmar) were benefited by this visit. The industry persons provide knowledge regarding the process of generation and distribution of electricity based on steam energy. They also provided knowledge regarding different instruments used for plants like recorder, indicators, control valves, actuators, control panels, transmitter, sensors and boiler etc. With the end of the visit, students were benefited by the detail knowledge of measuring instruments, sensors, control valves, actuators etc.

◆ Instrumentation & Control Engineering Department had organized an industrial visit at Wanakbory Thermal Power Station, Wanakbory on 12th September ,2017. Total 63 students of SY I&C as well as 3 staff members (Prof. Janki Chotai, Prof. Divyesh Parikh and Mr. Arpit Patel) were benefited by this visit. The Industry person provides knowledge regarding the process of generation and distribution of Electricity. They also provide knowledge regarding different Instruments used for Plants likes, Recorder, Indicators, Control Valves, Control Panels, Transmitters and Sensors etc.

With the end of the visit, students were benefited by the detailed knowledge of measuring instruments like, sensors, control valves, actuators etc. Thus the visit was very beneficial to the students

◆ Also, Yesha Bhatt , a TY IC student became 3rd runner up in regional round of the Times of India – torrent power, public speaking contest ,2017.

THE TIMES OF INDIA

4 YESHA BHATT
SVP Inst of Tech (SVIT)
SCORE 64.33

I sometimes watch birds and wonder "If I could fly, who would I shit on?"

I would like to shit on all who destroyed my country. In the period of 2004-09, GDP was high. If you see previous five years, the GDP was not that high. From where did the price rise, joblessness come? I would like to shit on all those responsible.

Aeronautical Department

♦ Faculty and students of Aeronautical department had attended one week program at PRATT AND WHITNEY at Hyderabad. They also attended 'Faculty Development Program' organized at Gujarat Flying club in Vadodara.

♦ Third year students of Aeronautical Department had visited 'Aircraft Division' of Hindustan Aeronautics Limited located at Bangalore.

♦ Anand P. Darji, assistant professor of Aeronautical department has published Research Paper on "Flow Studies on a Single Stage Transonic Axial Flow Compressor Retro fitted with Circumferential Grooves and Varied Rotor –Stator Axial Gap" in ASME Gas Turbine India's conference in December, 2017 at Bangalore. Also, Capt. Umang Jani has published paper in IEEE.

Electronics and Communication Department

◆ STARTUP INDIA YATRA ,1st round, organized at SVIT by - Startup India(GOI), HUBILO, OPEN-FUEL on 25th,26th ,August,2017, where a team of 7 secured 2nd and 10th in zonal level (presented two ideas). The team members were Gaurav Chowda, Harshit Mohan, Lalit Katta & Abhilash Nair (TY EC) Vedant Jain, Kshitij Verma & Vraj Patel (TY Computer) STARTUP INDIA YATRA ,2nd round was held at IIM-A ,where this team was a finalist.

◆ Gaurav Chowda ,participated in 'Mlh Hackday Out' hackathon organized by - MAJOR HACKING LEAGUE ,Yuvalaya ,Vadodara & was declared best performer.

◆ Gaurav Chowda secured 1st rank as per SPI & 4th rank as per CPI in GTU(EC) in 4th semester exam held in 2017.

◆ Orientation for TY MCA students was conducted on the 19th December, 2017. Certificate distribution under various top 10 categories such as attendance, internal marks, FTKT, programming skills was done. Also a detailed know-how on final year project development was explained and communicated to the students. Also, orientation for SY MCA students was conducted on 22nd Jan, 2018. Following points were discussed during the orientation session:

-Students were welcomed in the new semester with great enthusiasm.

-Students were informed by class coordinator, about various activities to be conducted in current semester such as

-Academic planner
-Mid-semester & Remedial Examinations
-FTKT Test
-Skill development program
-Placement activities
-Grooming on Aptitude practices
-Co-curricular activities of institute and department level events

-Students were motivated by HOD to maintain discipline and sincerity throughout the whole semester.

-Previous semester exam experience and difficulties faced (if any) were discussed.

-Certificates of TOP-10 students for the following categories were distributed:

-Internal Examination
-Programming skills Performance
-Student Seminar
-Overall Attendance
-Fundamentals & Technical Knowledge Test

◆ Ms. Kinjan Shah of TY MCA and Mr. Aman Shingare of SY MCA won the first prize in the event "Know your Tech" held during Aavishkar – 2017-18. Whereas, Mr. Atul Patel of TY MCA was second runner up in the event "Cartooning" held during Spandan – 2017-18. Also, Mr. Mehul Makwana and Ms. Prutha Shankhpal of TY MCA secured the second position in Exploria held during Prakarsh – 2017.

◆ Dr. Amisha Shingala has been recognized as PhD supervisor by the GTU.

◆ Prof. Rinku Chavda and Prof. Viredra Ingle had attended a five day FDP on "Android" organized by GTU in collaboration with Google Developer during 31st October to 4th November, 2018. Also, Prof. Rinku Chavda had attended a six day FDP on "Designing Wireless, Embedded & IoT Systems" organized by BVM sponsored by TEQIP – III during December 18-23.,2017. Moreover, 2 faculty members have presented and published research papers in reputed Journals.

Electrical Department

◆ Mr. Dhaval Dave from Motivational Hub, Vadodara delivered expert talk on 'Motivation' on 6th January,2018 for third year students of Electrical department. Around 83 students and 15 staff members got benefitted from this expert talk. Also, on 20th January,2018, he delivered expert talk to second year students. Around 104 students and 6 staff members got benefitted from this expert talk.

◆ To encourage students for placement, Electrical department arranged mock placement on 9th January & 11 January, 2018 for T.Y. students. Total 100 students out of 148 students participated for this mock placement which consists of an extensive round of aptitude test, group discussion and personal interview.

◆ Prof. Sanjay N. Patel presented topic on "Human Values in Technical Education" on 20/1/2018 to the faculty members. Also, Prof. Nilay Shah presented topic "Power System Dynamic & Control" on 30/1/2018 to the faculty members.

◆ Prof. Nilay N. Shah's research paper has been selected as the best paper in Track-I of the conference IEEE- ICSPACE2017 held at Bangalore. Moreover, Dr. Shital M. Pujara has received Ph.D. in Power System from CHARUSAT University, Changa.

◆ Dr. Pimal R. Gandhi's research paper on "intelligent systems and signal processing" was published in international conference at Springer Nature Singapore Pvt Ltd.2018.

SILENT SHADOW

Besides the soothing sound of the waves,

something got me under the pave.

The worry of some unheard sound,

began to ring again and again .

The cheering began to fade,

and came a dark shadow rising by,

had a mysterious appearance of an uncurvy style

had taken me amazed by the virtue of its existence

And yet there stood a silent shadow sailing by.

It brought the answers of the question unknown for long

And the soulful peace within thee heart

But then came a time ,it just passed by

Without saying a single syllable,

it just went in the deepest water of the forests by

Yet it catched my mind, of what form it had taken by

Or who was the one who sang the lullaby

-Het Patel
(SY IT- 160410116088)

Javanu Chhe

Javanu chhe aa dariyo odangine
Khub moto aa dariyo odangine ,
Nav ma besine halesu pakdine
Javanu chhe madva mara bhai ne,
Varso pachu jais aa dariya mathi
Madva hu jais mara bhai ne,
Su lai ne jau khbr nathii
Badhu bou madyu chhe tara tarfthi

Javanu chhe aa dariyo odangine
 madva mara bhai ne.
Aaje madi chhe kirti tara tarfti
Lakho loko made chhe tara lidhe thi
Te sambhdyo mane harpal samay thi
Na dur karyo mane mara sakthi thi
Javanu chhe aa dariyo odangine
madva mara bhai ne.

Tu mara mate chhe ishvar no sanket
Tu banyo chhe mari mate to sanket
Hu thai jais taro krutagni to,
Chal pakdi le tu aaje mara hathne to.
Udi jaie aaje gagan na sathe sathe

Javanu chhe aa dariyo odangine
madva mara bhai ne.

-Prajapati Kundan Vasudev
(S.Y. Mech 160410119094)

Creative Team

Radhika Ravindran
TY EC

Hetakshi Patel
TY Elec

Pratha Shah
SY EC

Hani Shah
SY Comp

Sahil Variya
SY Mech

Vallabh Wate
TY Elec

Farhan Ganam
TY Mech

Preet Shah
SY Mech

" Thanks to all the Departments and Clubs for the cooperation, it clearly wouldn't have been possible without your valuable inputs "

- - Students' Central Committee - -