

## Knowledge @ Doorstep



“To know what you know and what you do not know, that is true knowledge.”

### NaSCO VIP-2017

An IEEE Gujarat Section event, “National Seminar on Computer Vision and Image Processing” (NaSCO VIP-2017) was jointly organized by IEEE Signal Processing Society Chapter and Silver Oak Group of Institutes on 8<sup>th</sup> and 9<sup>th</sup> September, 2017.

The inaugural ceremony on September 8, 2017 was held in the presence of dignitaries like Shri Nilesh Desai, Deputy Director at SAC/ISRO who was the Chief Guest of the day, Guest of honour Dr. S. L. Maskara, Ex-Professor, IIT-Kharagpur, Dr.Suman Mitra (Chairman, IEEE SPS Chapter, Gujarat Section), Dr. Anil Roy (Immediate Past Chair & Senior IEEE member, Gujarat Section), Dr.Chirag Paunwala (Technical Activity Chair, IEEE, Gujarat Section), Shri Janak Khandwala (Executive Director, SOGI), Dr.Kiran Amin (IEEE Membership drive chair, Principal of UVPCE-Ganpat University), Dr.Saurin Shah (Principal, SO CET), Dr.Siddharth Jadeja (Principal, ASOIT) and Mrs. Anjali Diwan (Student Activity Chair, IEEE, Gujarat Section). The two days event enlightened the students with expert talks and discussions by leading academicians like Dr. S. L. Maskara, Dr.Sanjoy Saha (Prof. at Department of Computer Science & Technology, Jadavpur University, Kolkata), Dr.Aparna Akula (Scientist at Computation Instrumentation, CSIR-CSIO, Chandigarh), Dr.Suprava Patniak (Professor, Xavier's Institute of Engineering, Mumbai). After a wonderful learning ride of



Total 154 participants had registered themselves, 75 from which were the off-campus participants.

previous day the second day began with the discussion by eminent speaker Dr.Banshidhar Majhi (Director IIITDM, Kancheepuram), Dr.Mukesh Zaveri (Associate Professor, Computer Engineering Department, SVNIT, Surat), Dr. Manish Narvaria from DA-IICT, Gandhinagar and the event ended with words of wisdom from Shri. Madhukant Patel (CTO, Reve Automation, Gandhinagar).

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## From The Chairman's Desk



### Let me welcome you to our Fold!

We at Silver Oak, allow students to experiment, learn and grow that make us stand apart from other institutions. It is indeed a matter of pride that the institute has spread its wings wide, conquering newer heights every year. Considering the changing era, “Engineering the Future”, we build stronger ties with the industry through continuous academic and industry interaction.

Learning should be based on doing things and not merely knowing things. Until and unless learning solutions relate to real life and motivate the learner to acquire and apply the knowledge, the whole process will remain superficial. Any engineering institution worth its name looks to optimize the productivity of global leaders. Our institution has set specific objectives and planned activities for achieving excellence in all spheres of technical education.

I wish you all the best!

**Mr. Shital Agrawal**  
Chairman, Silver Oak Group of Institutes



## ASME Awareness Programme



Four experts who were invited for the Awareness

Program were: 1. Dr. Siddharth Jadeja 2. Mr. Nishant Trivedi 3. Mr. Nawaz Ghodi 4. Mr. Karan Desai

Silver Oak Group of Institutes had organized an "ASME Awareness Program" for the 2nd and 3rd year students on 26th August 2017. It was conducted at Millennium Hall, where more than 150 students and mechanical faculty members gathered for the event.

Event started with the lightening of lamp. All the three experts along with Principal of ASOIT, Dr. Siddharth Jadeja, enlighten the hall by lightening of lamp.

### ASME (AMERICAN SOCIETY OF MECHANICAL ENGINEERS)

ASME was founded in 1880 by Alexander Lyman Holley, Henry Rossiter Worthington, John Edison Sweet and Matthias N. Forney. ASME conducts one of the world's largest technical publishing operations, holds numerous technical conferences and hundreds of professional development courses each year, and sponsors numerous outreach and educational programs.





# Outcome Based Learning

Studies show that project-based learning can increase retention of content and improve students' attitudes towards learning. Strobel & van Barneveld, 2009

As a learning model, outcomes-based education starts by asking: what does a learner need to do to demonstrate mastery of a particular skill, knowledge, or behaviour? Such an approach puts student needs front and centre of the learning design process. The future is abstract and unknown but the youth is real and can be moulded. Therefore the main motto of outcome based education is to teach students to LEARN, not just STUDY. "You don't have to be great to start, but you have to start to be great."

## Amazon Web Service



Cloud Computing has become a very essential/major part of computing services such as servers, storage, databases, networking, software, analytics and more over the Internet. Companies offering these computing services are called cloud providers and typically charge for cloud computing services based on usage; similar to how you are billed for water or electricity at home.

So we "IEEE SOCET SB" of Silver Oak Group of Institutes conducted a seminar on Amazon Web Services, which is considered as one of the largest company providing such vast services to us. We invited Dr.Kalpesh Parikh Sir with 35 years of IT experience having education qualification - Doctor of Philosophy (Ph.D), Computer and Information Sc who is also the founder of SKETT for conducting the seminar.



Dr. Kalpesh Parikh, Founder of SKETT

## Quiztrike

On 9th and 10th of September 52 teams containing 245 participants competed in the event organized by IEEE SOCET SB. The event "Quiztrike" was the combination of Quiz and Counter Strike. Students competed each other in teams. Each team were had to face several rounds before making it to the finals. The competitions contained four rounds.



Technical Skills is mastery of complexity

450 Participants were present at Amazon Web Service seminar organized by IEEE SOCET SB.

## Women In Engineering (WIE) - GIT For Girls

On 9th september 16 participants took part in the GIT for girls event organized by IEEE SOCET SB and GIT together. Git members DharaVihol and MrugeshaPanchal were the host of the event. Main motto of GIT was to project sharing and portfolio. Introduction to Github was given with it's advantages. Git members also gave small introduction about commands. Link from other Git profile were also given to students.



"Alone we can do so little, together we can do so much."





## Women In Engineering (WIE)- Visiting Old Age Home

It was our first event under WIE(Women In Engineering). The motto behind this event was to get a chance to see the routine of the old people living together and sharing experiences about them.

The event started by the IEEE members explaining them briefly about WIE branch and IEEE.

All the people present were getting excited as the event was fully loaded with fun.

We conducted various activities to which they can enjoy the time spent with us.

“A little gray hair is a small price to pay for all this accumulated WISDOM”



## Membership Drive with New Students

Newly joined IEEE Members were given an overview of various events been organized under IEEE SOCET SB. The fresh members were heartily welcomed by our ExeComm team. The students were informed about Spectrum Magazine, which is been published by IEEE. Students were departed various benefits of being an IEEE member.



“Its not just about IDEA, its about making ideas HAPPEN”





# About Silveroak Study Circle



“SILVEROAK STUDY CIRCLE” was established in 2015 by SILVEROAK REASERCH & DEVELOPMENT CENTRE under the guidance of senior faculties and experts. Our goal is to facilitate a students with practical knowledge with academics. Here students from all the semesters and both the collages work together as a whole. We are performing various experiments and activities regarding the core branch as civil. Activities include, Design CAD studio, 3D-Rendering, Video Screening on Real structural Examples of world, Awareness to Save Environment, Meditation Sessions, Interactions between Students and Experts, Workshop on AutoCAD, Field Tests, Study of Structural Drawings and Material Testing. Here we welcome and promote new ideas, projects, experiments and research papers. We facilitate students with technical and non-technical (site visits) facilities. Here we organise expert lectures from technical experts. We welcome more students to participate with SILVEROAK STUDY CIRCLE.

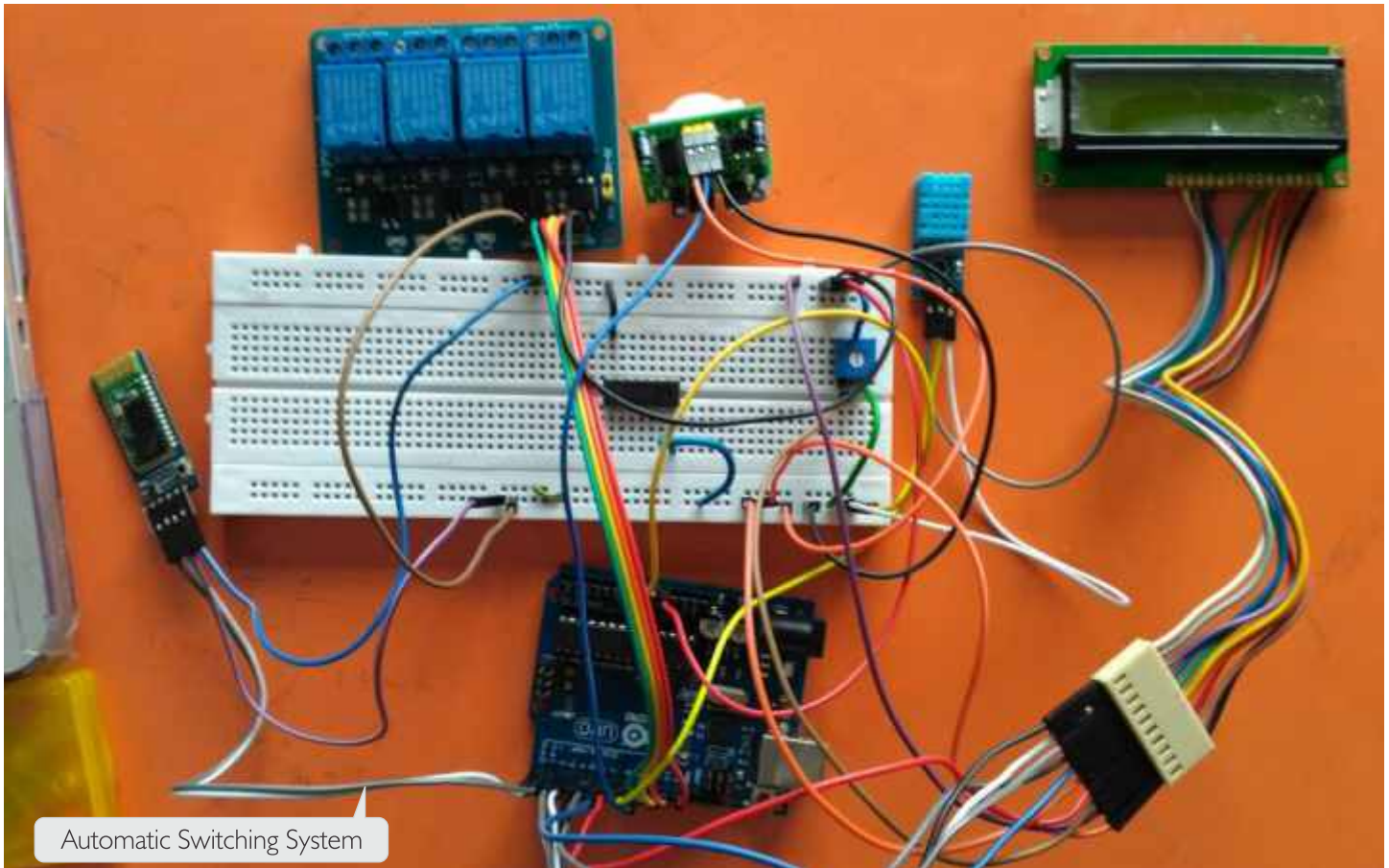
## ACTIVITY

- Design CAD Studio
- Video Screening on Real structural Examples of world
- Awareness to Save Environment
- Meditation Sessions
- Interactions between Students and Experts
- Workshop on AutoCAD
- Field Tests
- Study of Structural Drawings
- Material Testing

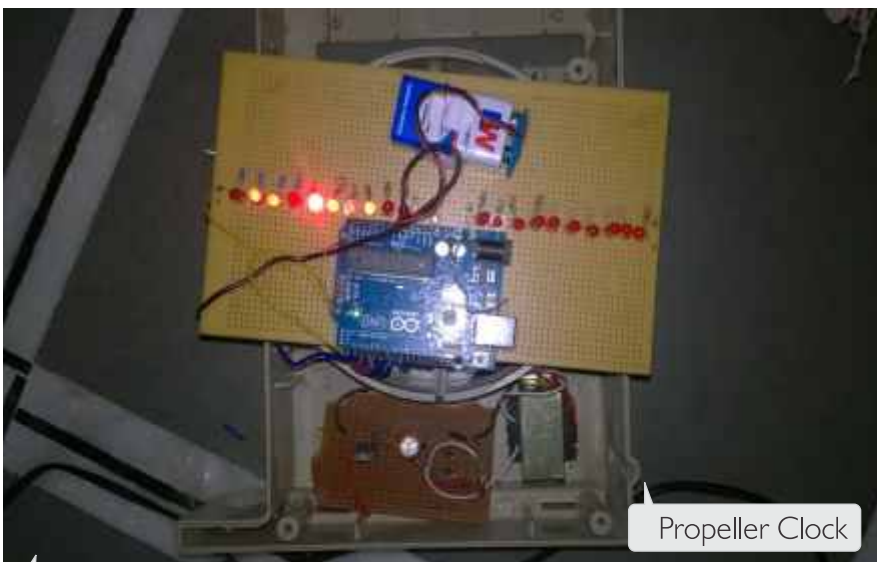


# Presentation of microcontroller and arduino based mini projects

## In EC Department



Automatic Switching System



Propeller Clock

“Learning by Doing” is the key essence of engineering.

Innovation is the demand the awareness of which comes only by observing our day to day lives. For students, it is essential to learn and re-learn the basics in

order to innovate. With this consideration, and after a series of technical sessions taken by Prof. Mohammed Vayada and Prof. Tithi Vyas on Fridays and Saturdays, the 5<sup>th</sup> semester students of Electronics & Communication Department, SOCET, made small projects on their own and the presentation was arranged on September 1, 2017 in their class.

An Automatic Switching System was presented by Shivam, Vibin and Prashant. Tushar, Himanshi and Juhipresented their work on Automatic Attendance using RFID. Multifunction smart watch using Arduino and Bluetooth module HC-05 was presented by Rutvik, Devansh and Vedit. Propeller Clock was prepared by Kaushal, Maulik and Rivam.



# Incubation @ SOGI

## Start-Up India Yatra-Gujarat Edition



**60 Student Startups | 4 locations | Tier-2 & Tier-3 Cities | 22 Incubation Offers**

The Gujarat Edition of Startup India Yatra was carried out in collaboration with Startup INDIA HUB, Invest India, Openfuel Knowledge Foundation and Ignite - SOCET Incubation Centre, we travelled to four Tier-2 & Tier-3 Cities of Gujarat and found 60+ Startup Ideas by conducting day long events that consisted of Idea Pitching session, Startup India Facilitation Session & Speaker Sessions by Incubation Managers & Entrepreneurs at the all the 4 locations.

### Accolades received

#### I. START-UP INDIA YATRA - OUTSTANDING PARTICIPATION AWARD

For being the Lead Incubator and Major Organizer of the Startup India Yatra - Gujarat Edition and for successful implementation and execution of the Yatra in the state of Gujarat.

#### II. START-UP INDIA YATRA FINALE - JURY MEMBER

For being the panellist and help contribute in finding the best startups from the selected 67 startup enthusiasts from all-across Gujarat.

#### III. START-UP INDIA YATRA - CERTIFICATE OF APPRECIATION

For implementing Honourable Prime Minister's Vision of Start-up India and spreading the spirit of Entrepreneurship to small towns & corners of India.

#### IV. START-UP INDIA HUB - CERTIFICATE OF APPRECIATION

For creating a record-breaking number of 2310 Active User Registrations on the Startup India Hub portal. By doing this, Silver Oak Group of Institutes has become the 1st institute from the nation to achieve such a milestone.



### Recognition

I. Name of the Official Website of Startup India

II. 1st Institute in Nation to be recognized

III. Only institute from GTU

#### START-UP INDIA YATRA ACCELERATOR BOOTCAMP AT IGNITE - SILVER OAK

On Tuesday, August 22, 2017, we organized an Accelerator Boot-camp for all these 60+ startup ideas at Ignite - SOCET Incubation Centre situated at Silver Oak College Of Engineering & Technology, Silver Oak Group of Institutes.





### MOU WITH GUJARAT TECHNOLOGICAL UNIVERSITY AND SLIVER OAK GROUP OF INSTITUTE ECO SYSTEM PARTNER AT INDUS MENTOR

Indus Mentors in association with eChai, was organized - Mentorial 2017, one of its kind event which will bring together eminent mentors, deserving startups and prospective investors on a common platform at CIIE, IIM Ahmedabad.

The Mentorial 2017 was greatly supported by Centre for Innovation Incubation and Entrepreneurship, IIM Ahmedabad as Knowledge Partner, Confederation of Indian Industry as Industry Partner, Shark Identity Private Limited as Event Partner, Ignite - SOCET Incubation Centre & Entrepreneurship Development Institute of India, Ahmedabad are the Eco System Partner, Simulations PR Special Initiatives as Communication Outreach Partner and NRI Startup India & Lothal Ventures are the Investment Partners.







# Social Initiative @ SOGI

**“It is not enough to be compassionate, you must Act.”**

From a national day of giving back to an inspiring show of supporting the flood affected people, Silver Oak Group of Institutes has Shown great act of compassion & contributed to the society through various social initiatives.

## Seminar on “Women Empowerment in India”

Indeed a great day at Aditya Silver oak Institute of Technology. Ruzan Khambhatta-an Entrepreneur and a Social Activist invited on 29th August 2017 at ASOIT to deliver a session on Woman Empowerment and entrepreneurship. She talked about the challenges in the field of Entrepreneurship and also

taught some skills of self defence to the girls. She gave inspiration through her own life experiences. She also taught the students about domestic violence and the ways to avoid such occurrences. Students also performed skit on gender equality. It was very excellent and magnificent session.



“When women support each other, incredible things happen.”

## Proud Moment for AHMEDABAD Handing over Ceremony Ahmedabad-World Heritage City

On Friday 1/09/2017 in the August presence of Mr.Gautam Shah, (Hon'ble mayor of a 'bad), Ms. Irina Bokova, (Hon'ble

director general ,UNESCO) gave the certificate to Mr. Vijay Rupani (Hon'ble Chief Minister) of Gujarat state. Many eminent dignitaries graced the occasion and made it a memorable event for all.

The Civil Engineering Department faculties and 150 students witnessed this magical and historical moment of Ahmedabad at Pandit Dindayal Hall, Ahmadabad.



Ms. Irina Bokova with Mr. Vijay Rupani



Eminent Dignitaries

The city of Ahmedabad was declared as a world heritage city by UNESCO.



Civil Engineering Students, Socet



Civil Engineering Faculties, Socet





## Donate Blood Donate Life

SOGI has always stood upright towards its Social responsibilities and in this line a blood donation drive was organized on the 4th September, 2017 on the campus with the support of Red Cross Society. The location of Blood donation drive was B- Block Mechanical Workshop from 9 A.M. to 4 P.M. The whole program was managed by the blood donation coordinator of our college Prof. Chintan Vaghela (General Department, SOCET). Prof. Chintan Vaaghela and his team had collected 206 units of blood and submitted to Red Cross Society which is a noteworthy figure. The whole program was successfully completed with the due support and contribution of students and faculty members of the college.



“The rocking team behind the noble cause.”





# Placement @ SOGI

SILVER OAK - The education group is just an 8 year old leading education institute of Gujarat still it has maintained a track record of more that 70% placement every year.

Our Objective: Education to innovation, generating new learning techniques, strengthening the industry interactive network

We provide – Quality education, Interactive learning experience, regular individual attention through faculty mentoring, pathway guidance to meet the future goals, interaction with industry experts, Industrial visits, seminars, conferences.

Excellent placement track record. Placement preparation, GD & Personal Interview through Training & placement Cell

We @ Silver Oak Group of Institute had invited 18 companies (August-September)to our campus in which 70+ students have been placed. To name some of these companies ;Zeus learning, Streebo, Tiny ERP, Yudiz solutions, Braintech labs, Tatvasoft and many more.

## LIST OF PLACED STUDENTS - 2018 BATCH



Hardik Sardhara | Pranav Madhani | Jinay Shah | Harsh Desai | Yash Bhow | Jay Rangras



Bhavya Chauhan | Rishi Thakkar | Vivek Patel | Umang Mehta | Kinjal Modi | Ankit Vishvakarma





# LIST OF PLACED STUDENTS - 2018 BATCH



Ambika Rani

Kuldeep Barad

Parth Mehta

Zahid Khunt

Shreyan Mehta



Pruthviraj Parmar

Hatim Vohra

Aditya Acharya

Shalin Chokshi



Ankit Patel

Dhairya Shah

Nidhi Joshi

Mohak Fadia





# Education to Innovation

“As leaders in education, our job is not to control those whom we serve, but to unleash their talent. If innovation is going to be a priority in education, we need to create a culture where trust is the norm.” rightly mentioned by George Couros having innovator's mindset. Believing same we reflect many great ideas, conversations, and experiences at Silver Oak Group of Institutes.

## Expert Lecture:

### I. “Expert Talk on Power System”

Expert lecture organized in Electrical Engineering Department on 18<sup>th</sup> Aug, 2-017. Mr. Astik Dhandhia, invited speaker, expert in Power Systems and related subjects. He is currently working with PDP. He excels in various skills like network solving, data generation for power system networks to train a model with artificial Intelligence and various other organisational and IT skills.

### 2. “Expert Talk on Ethics, Youth and Moral Barometer”

Mr. Kapil Shah, Officer, Narcotics Control Bureau was invited by the CE & IT department to deliver an expert talk on “Ethics, Youth and Moral Barometers” to the students of 3rd, 5th and 7th semester computer engineering and IT engineering students. He discussed about how present-time youth judge adults concerning their moral criteria - on issues such as justice, responsibility, interest in and care for education, environment, politics, etc.



Mr. Astik Dhandhia  
from PDP

Every Expert  
was once a beginner ...



Mr. Kapil Shah from Narcotics Control Bureau



Students participating in the activity



### 3. “Expert Talk on Solution to Smart Driving Test at RTO”

Another expert talk was arranged by CE/IT department in the subject of Mobile Computing and Wireless Communication for the 5th semester students on the topic of “Solution to Smart Driving Test at RTO” by Reve Automation to make the students learn about various sensors and image processing techniques used in during RTO and automation.

### Expert Talk on Advance Heat Treatment (AHM)

To generate a sense of interest and to explore the field of Material Science and Metallurgy, Mr. J. J Joshi, Director, Rajkot Heat Treatment and J Cube Metallurgical Lab invited on 30th Aug 2017 at ASOIT.

Mr. Joshi promised to give three industrial project to the institute and also donated one salt bath system which will helpful to develop MSM laboratory and carrying out research work.



Mr. J.J.Joshi, Director Advanced Treatment and Cube Metallurgical Lab



## Expert Lecture on Design Thinking and Machine Design

Precise design of component is imperative feature as it directly affects the cost, functions and life associated with it. To introduce the significance of Machine Design to 3rd semester students, Prof. S. B Soni. Invited On 14th September. Prof. Soni is Design consultant at various companies, like Harsha Engineers, Prashant Group of company, Prasad group, Synergy Agro Tech., NMTG MechtransPvt. Ltd are few to name. He has 40 years of teaching experience in various reputed institutes.

The section helped in building the concepts and generated the curiosity among students who are very new to the field of design. Prof. Soni focussed on preparing students for critical thinking and innovative ideas. He also made students aware

about the present industrial scenario and assets which student must have as a Mechanical Engineer.



Expert talk on Design Thinking and Machine Design by Prof. S.B Soni

## Video Lectures

Video lectures have always proven to be an effective method to explain the concepts. The same has been proved by the computer and IT engineering department by conducting the NPTEL video lectures in various subjects like Analysis and Design of Algorithm, compiler design, system programming, Mobile Computing and Wireless Communication for the students of 5th and 7th semester. Around 200 students participated in the same.



Students enjoying the new teaching learning methodology





## Work Shop

### Workshop on PSIM

PSIM uses nodal analysis and the trapezoidal rule integration as the basis of its simulation algorithm.

This Activity conducted by Asst. Prof. Ishita Bhatt (Electrical Engineering Dept.) In the activity, PSIM was introduced to students in which they learned to make various circuits and networks using various components in the software. After



which they performed various simulations on circuits given to them and analysed output obtained. It was a 2 hours session in which about 40 students participated enthusiastically.

The purpose of this activity is to aware students to identify the practical idea about how the circuits play important roles in their day today activities and how software plays role in implementing them into real world.



PSIM is an Electronic circuit simulation software package, designed specifically for use in power electronics and motor drive simulations but can be used to simulate any electronic circuit.

## A workshop on Report Writing

Writing, in all its varied forms and purposes, is a complex process. It calls upon us to bring our left and right brain together to shape experience and feeling into something another person can read and understand. The need to feel understood, to know that what one thinks or feels matters. To gain this purpose, A Report writing workshop was conducted by Assistant Professor Dhvani Shah, Assistant Professor Nikita Gadani and Assistant Professor Dorin Parmar for the faculty members of the Aditya Silver Oak Institute of Technology. Many faculty members participated in it. A pre workshop and a post workshop survey was taken for the fruitful output of the event. Various questions were asked in pre workshop questions and on the basis of that content were prepared. The content of the workshop were prepared with the help of activity to make it more interactive and learner centered.



Eagerness to learn

“Clear Thinking is not possible in absence of Clear Writing”





# Linkage Academia to Corporate

In the era of globalization Industry-Academia linkages have become significant to generate industrially relevant knowledge. Building successful partnerships between academia and industry has become essential.

## Educational Visit to Gandhi Ashram.

“Not all classrooms have four walls”, reflecting the same philosophy the students of 3rd Semester (class A/B/C) Civil Engineering Department were taken for an educational visit on to Sabarmati Ashram (also known as Gandhi Ashram, Harijan Ashram, or Satyagraha Ashram) located in the Sabarmati suburb of Ahmedabad, Gujarat, adjoining the Ashram Road, on the banks of the River Sabarmati, four miles from the town hall. The visit was scheduled on 26/8/2017. 80 students along with faculty members Asst. Prof. Viranchi Shah, Asst. Prof. Madhav Bhatt, Lecturer Reecha Panchal and Lecturer Forum Patel visited the residences of Mohandas Karamchand Gandhi, who lived there for about twelve years

along with his wife, Kasturba Gandhi. The students also visited the “Gandhi SmarakSangrahalaya” a museum designed by the famous architect Charles Correa. Other buildings and sites within the ashram which students visited were Nandini (an old ashram guest house), VinobaKutir, UpasanaMandir (an open -air prayer ground), and MaganNiwas. The main objective of the visit was to make students aware about the 100 years old structure having different types of wooden roofs, doors and windows, exposed R.C.C. works, exposed brick work. Students also garnered knowledge about the campus planning, river front planning, exhibition hall planning, structural and flooring pattern planning, hard landscape and soft landscape planning to the campus.





### “AMTECH ELECTRONICS (INDIA) LTD, Gandhinagar”

Learning subject with practical exposure is a great thing for engineering students. By giving them industrial exposure students can correlate the subject and understand the depth and importance of that subject. They also get opportunity to realize the real time problem face by the industry and got some spark to solve it by applying their theoretical and practical knowledge.

Students of 5th semester Electrical Engineering of ASOIT had gone for Industrial Visit at ‘AMTECH ELECTRONICS (INDIA) LTD, Gandhinagar’ on 1st September 2017, under the coordination of Assistant Professor Manan Pathak and Assistant Professor Sandip Takwani. Deputy General Manager S. P. Mahajani sir had given brief introduction about their company and different section they have. He also brief us about the different products they have in R & D Section. The main objective was to give industrial exposure to the students related to the subject they are learning in class.



If you don't like where you are, Move, You are not a tree



The only source of knowledge is Experience





## Industrial Visit to Mundra Port

Successfully completed 3rd Educational tour/Industrial visit with 76 Students of CE/IT department, SOCET organised at Mundra Port, Bhuj, Gujarat developed by ADANI FOUNDATION under project named "UDAAN" on 26th and 27th August 2017. Prof. Raunak Raj Patel, Prof. Aakash Shah, Prof. Lipi Kothari and Prof. Prathana Fadia accompanied the same.



## Site visit on “Water Resources Management” at State Water Data Center & Sant Sarovar Dam, Gandhinagar

Water is the elixir of life. By design it is perfect - The most essential element of life. The element in which, life began and without which, life is impossible. But unfortunately it is not always available everywhere. It is this reason why sustained &



Sant Sarovar Dam

reliable irrigation facilities are imminently a part of infrastructure development. As water is becoming scarce commodity, its preservation and conservation has become the most important aspect in relation to the water resources development planning. This was the main aim of arranging this site visit.

The Civil Engineering department organized the site visit for 60 students of 5th semester Civil Engineering Department on 16-09-2017. The session conducted by Mr. Mukesh Raval, Engineer, W.R.I. Sub Division No. 1 Ahmedabad was divided into two parts- field visit and presentation on working of the SWDC. Session started at SWDC recording site where main three technical attractions were- weather station, river gauge and rain gauge instruments. Mukesh Sir gave amazing information regarding operation and maintenance of all the instruments manually as well as mechanically. After that, Sant Sarovar dam, near Indroda Village, Gandhinagar was visited. The executive engineer of the dam site shared the history of water resources in Gujarat and its development.



River Gauge and Rain Gauge Instruments

## Internship

### Short term training

To bridge the gap between practical implications and theoretical study regular industrial exposures are essential. To take account of this Prof. Hitesh Prajapati on 30<sup>th</sup> August till 2<sup>nd</sup> August from Mechanical Engineering Department accompanied four days industrial visit cum short- term training program with certification for eight students of 5<sup>th</sup> semester at Bosch Rexroth India Pvt Ltd.

The program consists of theoretical study and live practical applications of Hydraulic and Pneumatic systems followed by plant visit. Such visits and interactions with industrial personnel help students to realize the expectations of industries from Engineers in present era.



Training at Bosch Rexroth India Pvt. Ltd.



# Skill India Skill Development Centre

As a part of the Skill India campaign started by our Prime Minister Narendra Modi we at Silver Oak Group of Institutes have taken our mission as skill development of our students by giving them the best engineering skills.

## A step towards blending of academia and research experience.

It is a vocational training centre established by Silver Group of Institutes under the Skill India Project. Till date 1000+ students are trained and certified and thus made them industry ready. The centre conducts Industry responsive skill development programmes like CMC/MC operator, CCTV installation technician, Welding assistant, Solar Panel Installation technician, Software Programmer, Draughtsman Mechanical/Civil. The centre is affiliated with five sector councils namely; **ESSI, SCGI, ISSSC, IPSC, PSSC**. The centre has industrial and government affiliations with Pratt Muller Distributors Ltd., PMVK, Centre of Entrepreneurship Development, jio, BOSCH.

The centre has state of the art machines for imparting technical training to the student funded by the funding agencies. The progress of the centre is highly inspiring and highly welcoming.

33 students were trained in the month of September in the CNC and SOLAR courses. Third party assessment was conducted for fair and accurate assessment of the skills acquired by the candidates.





# Research @ SOGI

“All our dreams can come true... if we have the courage to pursue them.” – Research is all about pursuing your passion with great efforts. Silver Oak Group of Institutes motivates its students and faculties to pursue this passion by adding on research in their career.

## Faculty Achievement



It is a moment of feeling proud that **Dr. Devang Pandya** has contributed in reputed IEEE Conference on Signal and Image Processing Applications (IEEE ICSIPA) as a session chair which was held at Kuching, Malaysia on 12-14th September 2017.

He has chaired the session of "Image

Tracking and Analysis" in the conference. He has supervised 4 papers under the Image Tracking and Analysis.

He has also presented his research work in the conference titled as "Frame based event boundary detection of soccer video using optical flow".



**Prof. Aniket Patel** from I.T. department gave an expert talk at Saffrony Institute of Technology on 27/06/2017. Expert Talk was based on Scope and Opportunities with Data Stream Mining and Dynamically movement of data through any open data window. Huge volumes of

detailed personal data are regularly collected and analyzed by application, like shopping habits, criminal records, medical history, credit records, among others[8]. Analyzing such data opens new threats to privacy. As some sensitive data can also be reveal to people which the person doesn't want to reveal. So there comes the need for Privacy Preserving Data Mining (PPDM).

**Dr. Roshni Dave** from General Department (SOCET) had published a paper titled 'On relationship between Galactic Cosmic Rays and Cloud Cover' in the Journal - Journal of Science Approach can only be accessed by teachers, parents, and students who have a special code specific to their group. Students are enjoying collaborating with other students at great distances.



**Prof. Vidhi Patel** from General Department presented a paper at the International Symposium on Industrial Electronics-2017 held at Edinburgh, UK. The title of the paper was, 'Novel Approach Employing Buck-Boost Converter as DC-Link Modulator and Inverter

as AC-Chopper for Induction Motor Drive Applications: An Alternative to Conventional AC-DC-AC Scheme.



**Prof. Jay N. Panchal** of Civil Engineering Department presented a paper on Comparison of Advanced (Geosynthetic) Road Pavement and Conventional (Asphalt/Bitumen) Road Pavement on 25th August 2017. The paper was also published in the

International Journal of Advance Engineering and Research Development. The paper concluded that the effect of geotextiles is more effective if the sub-grade is very soft and saturated.





# Students Exchange Programme

## INTERNATIONAL EXPERIENCE PROGRAMME 2017 AT RUSSIA (UrFU)

GTU is organizing "INTERNATIONAL EXPERIENCE PROGRAMME" every year since 2011. For civil engineering students GTU is organizing such programme at "URAL FEDERAL UNIVERSITY" at "YEKATERINBURG, RUSSIA".

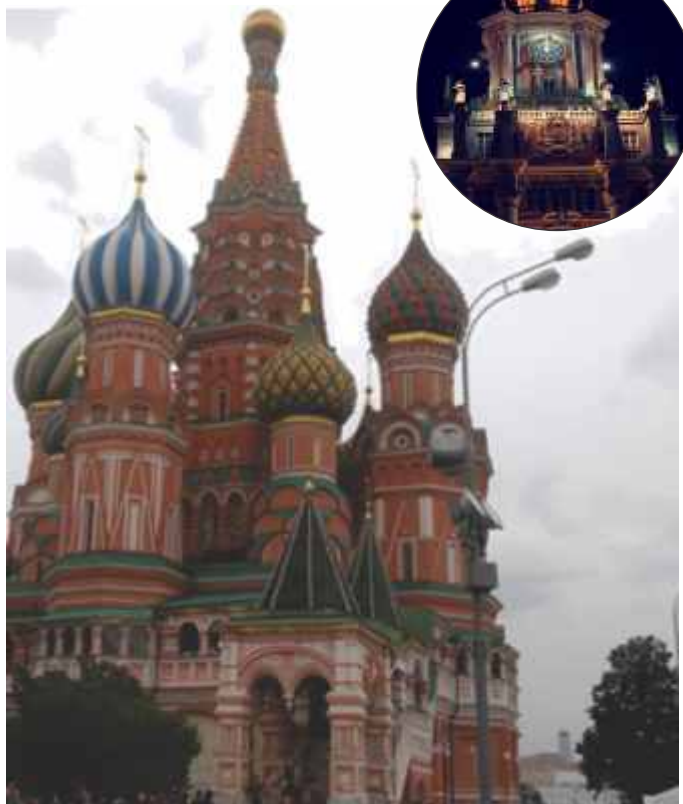


From ASOIT CIVIL 3 students were selected. They studied 2 final year subjects there. 1) Design of reinforced concrete structures and 2) Design of steel structures.

Students who attended the programme there:

1. Patel Vatsal, 2. Dalwadi Raj, 3. Rathod Rohan

Through this programme they got international exposure. It was a huge opportunity to go to the foreign university and learn their methods of education. They obtained deep knowledge on the two subjects by site visits and constant evaluation by foreign professors. It was a great experience for them to become a part of an international study programme. During their visit they also got the chance to explore the infrastructure, artefacts and architectural excellence of the City of Moscow as well.





# Life @ De Campus

“The journey matters more than the destination” there is no better place to learn this than at SOGI. With every passing day we grow as individuals, bonding with one another over work and friendship.

SOGI’s peaceful green and serene campus is in stark contrast to the academic rigour and daily struggles of the students. Being one of India’s finest colleges, students are encouraged to step out of their comfort zone and be an active part of the life on campus.

## Nukkad Natak

Nukkad natak as popularity known in Marathi is a drama performed on streets to create social awareness. It’s an old tool through which lot of social awareness campaigns have gained strength, such as family planning, girl’s education, child labor etc. Nukkad Natak generally plays on street, Schools, Society, Area, Colleges, etc.

At Silver oak Group of Institutes campus Mr. Shivam Singh, studying in B.E. 3rd semester Mechanical Engineering took an initiative of Nukkad Natak and started a Club Named “Nukkad Natak” first time ever in Gujarat Technological University.

By performing the Nukkad Natak students can get the stage experience, speak around the society about the facts are happening around them, also be capable to speaking up about the Human Rights. In added advantages they can also build other abilities like Personality development,

Communication skills, managing power etc which will be very much helpful throughout the life. So Nukkad natak is not just about to perform act but it is the way to make our society better with good lessons. It is life learning sessions.



Creativity is Mastery of Simplicity





**SILVER OAK**

Education to Innovation

SILVER OAK COLLEGE OF ENGINEERING & TECHNOLOGY

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