



The **SILVER OAK** Times

Education to Innovation

JUNOON

THE CULFEST - 2018

SILVER OAK Cultural Carnival



▲ Lightening of Lamp

Silver Oak Group of Institutes celebrated cultural fest “JUNOON”. Institutes not only motivate students to participate in technical event but also promote to showcase their adrift talent on the grounds of Institute.

Junoon-2018 was held on 16th February 2018. Event started with huge proliferates of students and faculties. As you saw various students dressed in their ethnic best, it set the mood for the celebrations. The tone of decorations was very festive as you entered. There was a colourful welcome followed by lighting of the lamp. . Entire event began with welcoming Guests and distributing Annual academic and sports Prizes. Chief guest invited to do the honour were Shri Anju Sharma (IAS) (Principal Secretary, Higher and Technical Education Department), Shri Chirnanjiv Patel (Managing Director, PC Snehal Group), Shri Ashok Bharti (FGM, Central Bank of India), Shri Devendra Bhatnagar (State editor-Divya Bhaskar), Mr. Geoff Wain (British Deputy High Commissioner). It was a truly mesmerizing show. There was singing, dancing, skits, mimicry, Fashion Show, classical and modern combination of several foot tapping numbers. Everyone sat glued to the show. The Chief Guests praised the entire event a lot. They guided with their inspirational words and inspired us to do better. It was followed by a formal vote of thanks and the event concluded.



Cultural Fiesta - Junoon' 2018

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Rock your Feet with Rockband



Horror is back
The Halloween



The Essence of Gujarat ... Garba....





Cultural Fiesta - Junoon' 2018



▲ The Melody of Classical Singing... Mesmerising...



▲ Prize Distribution by our Respected Guest of Honour



▲ Fashion ka Tashan!



▲ Magical Indian Dance with a Latin Flavour



▲ Rangez Rajputana



▲ Felicitating Achievers





From
The Chairman's
Desk



Hello Friends,

I feel immense pleasure to present monthly newsletter issue of March 2018

We strongly believe that true value of lessons can be learnt outside the bounds of a classroom. Therefore, at Silver Oak Group Of Institutes, we ensure that our students excel not only within the education system but in the real world as well, allowing our students to “Arise, Awake, and Ascend” through our cultural festival “JUNOON”, Tech-Fest “TALAASH” and through day celebrations like “International Women’s Day” celebration, which has reflected in this issue of newsletter.

Explore the Reading Ride of this issue!

Shital Agrawal
Chairman.





From
Executive Director's
Desk



Dear Friends

Greetings from the SOGI family!!

Silver Oak Group of Institutes believe in the all-round development of our students. Various activities are organized throughout the academic year to nurture enthusiasm of the young minds. This month of the year was brimming with activities. Talaash, the annual tech fest showcased the 'learning by doing' spirit of our students and allowed them to share their creations and ideas with others. Likewise Junoon, the cultural festival provided them a good platform to prove their talent. As a mark of respect for women and to acknowledge their achievements SEED, our student organization, celebrated Women's Day with great zeal and fervour. Such events not only involved fun but also added value to their learning experience.

Stay tuned for more news @ Silver Oak!!

Janak Khandwala
Executive Director





Linkage Academia to Corporate



Industrial Visit

It is rightly said that **experience is the greatest source of knowledge**. No matter how much we read books or learn laws until and unless we put it to practical use it is not worthwhile. Keeping in sync with this philosophy, various departments of Silver Oak Group of Institutions keep organizing industrial visits for their students so that they have both theoretical as well as practical understanding of the subject.

Following this tradition, the Department of Civil Engineering had organized a visit to Pirana Sewage Treatment Plant for 100 students of Semester VI, A/B/C on 10th March 2018 accompanied by three faculties. The students were given detailed information in terms of the processes and the functioning of the various units of the treatment plant with the help of flowcharts and pictures. They were also briefed about

the various experiments undertaken namely; BOD, COD & DO. They were exposed to the TOC (Total Organic Carbon) instrument and its working.

Students were super excited to visit the plant and understand its operations. Such visits equip them to understand the nuances of the subject by gaining practical experience.

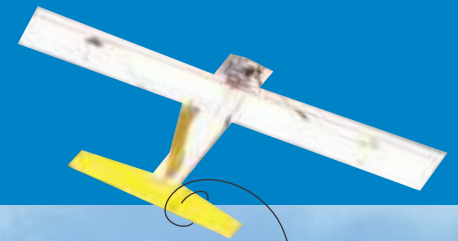


Industrial Visit at Sewage Treatment Plant (STP), Pirana, Ahmedabad.





Tech Roadies



Talaash - 2018 in Search of Excellence



Silver Oak group of Institutes is known for organizing the event at Mega Scale. This time also, Silver Oak Group of Institutes has organized Technical festival- Talaash 2018 during 13-14th February 2018. Talaash is the trademark event of the institute which provides the complete platform to engineering youth for the overall developments of their hidden technical talents.

More than 3500 students have participated with noticeable joy and enthusiasm. More than 6000 registrations have been recorded in 48 events of the Techfest.

Well known dignitaries namely Shri. Mahendra Patel (Chairman, Mamta Machinery Pvt Ltd), Shri. Pavan Bakeri

(Managing Director, Bakeri Group), Shri. C P Diwan(Group Director, ISRO), Shri. Dhruvil Patel(Syndicate Member, Gujarat University) have remained present in the inauguration ceremony. Dr. Suarish Shah (Principal) have greeted the dignitaries. The major attractions were various robotics and Aeronautical events. Techfest was supported by various well known sponsors namely, Overseas Education Career and Consultancy (OECC), Khodiyar CAD Center, ICE Gate, Endeavor, I-Techputer IT Solution, GATE academy, EduGATE, Jamboree Education (P) Ltd, LogicAcademy, NIIT.





Glorifying Womanhood!!



International Women's Day Celebration

By **SEED** REAPING TOGETHER

A year before, Women's Day celebration was an opening event of SEED so the team has an emotional attachment to this day especially. More than an event it is a celebration to break the ice amongst all the girls on our campus. The celebrations included motivational speech by our Vice Principal, Dr Pinal Bhatt and our guiding mentor Dr. Rita Sharma, dance, indoor(Millennium Hall) and outdoor(Garden Area) games.

The celebration this year was astonishing. More than 150 girls were part of the day and enjoyed indoor as well as outdoor activities.

It began with an opening brief about SEED by Team Leader of SEED. Chandan Chaudhary. After facilitation of the guests, they motivated girls as well as Seedlings to grow and prosper. This was followed by fastest figure first quiz, poem dedicated to the Women Power by Venkatesh and Darsheel and then the most awaited one- "Dance"

Among the outdoor happenings various games were organized for the girls. They played tug of war, 7 stones, skipping and 3-legged race. As summer is approaching the team-SEED had arranged hydrating drinks after the outdoor activities.

SEED and its marvelous activities and initiative is the result of the trust that the institute has in its youths---Proud of them!!!!!!!



Celebrating our stories Strengthening our Spirit





Embracing Womanhood



Together We shine



Silver Oak Divas



I can and I will

Spark! A change



3- Legged race for Super women



Team SEED





Innovation Led Education



Interactive Classrooms

Learning should be done to develop a number of skills useful for the all-round development of Students in classroom. It is very important that students are active in classroom, while learning. Hence numerous teaching and learning techniques have recently emerged. As a very famous quote by Benjamin Franklin says: "Tell me and I forget, Teach me and I remember, Involve me and I learn."

Based on the concept of making classroom more and more active, Jigsaw method was used in classroom by Prof. Ishita Bhatt for teaching a complicated Theory of Zbus Building Algorithm, where students of 6th semester Electrical Engineering learned the theory in parts, through peer learning itself. It helped them boost their confidence and also helped improve their communication and presentation skills.



Students of 6th semester electrical engineering had undergone a new activity on Software Simulation of Inverter Circuits for analysing the inverter circuits arranged by Prof. Manan Pathak. Through these activities Students had demonstrated the ability to extend current knowledge and/or skills to a computing environment or problem currently unknown to the student. Students will demonstrate the ability to solve problems in the discipline. The basic objective was to understand about software for circuit simulation and aware students about the software related to Power Electronics Field.



Enjoying Interactive Education ▼





Prof. Jalpa Shah arranged KAHOOT Quiz on Theory of computation for 6th semester computer students. From the activity the students learned how to demonstrate advanced knowledge of formal computation and its relationship to languages, to distinguish different computing languages and classify their respective types, to recognise and comprehend formal reasoning about languages and to show a competent understanding of the basic concepts of complexity theory.



To make the students understand some aspects of Programming Language and to explore basic knowledge of Programming Skills Prof. Murti Patel organized an activity called Marching Orders in the subject of .NET Technology for 6th IT students. The main objective of this activity was to to gain some experience with aspects of programming.



Prof. Murti Patel and Prof. Jalpa Shah had conducted PHP challenges in Web Technology for 6th semester computer and IT students. The main objective of this activity was to make students solve problems with PHP code.



Prof. Niket Ganatra designed Scheduling Activity in the subject of Operating System for 4th computer engineering students on 22 January 2018. The main objective of this activity was to understand concept of scheduling algorithm and how it works. One of the aim was also to learn the purpose of the data structures and data structure elements used by an OS to manage processes.





Creating Stimulus

Mr. Keyur Punjani, A 3D printer entrepreneur gave his presence as an expert in National workshop "Recent Trends in Additive Manufacturing".



Mr Keyur Punjani entrepreneur of "STARDUST" gave so many facts and problems that entrepreneur has to face and while looking at the employment conditions in India he made the youth more focused on being a job creator rather than a job seeker. By his own life story he discussed how he achieved success by manufacturing more user friendly equipments and also guided participants what more skills are required to be a successful entrepreneur. He by his work explained that in order to be a developed country we do not need high tech technology but we need an appropriate technology and we need to develop more of analytical thinking in our students to make them think out of the box. To be a successful entrepreneur one needs to look at the same thing with different perspective, have good team working skills, leadership skills and excellent marketing skills. It was held on 24th February, 2018 at CV Raman Hall, B- block with 62 participants.



CENTRE OF EXCELLENCE SIEMENS TRAINEE PROGRAM

"Tell me and I forget, teach me and I may remember, involve me and I learn." This rightly applies to the students of ASOIT 4th semester mechanical department, successfully completed 74hrs. module in the course of PLC and CAM_NX Manufacturing. There are 83 courses which are offered at centre of excellence. The trainee had started during a period of January 2018. The course was jointly organized by Centre of excellence Siemens, PDPU, Design tech and Department of science & technology.





Expert Talk

Expert Session on “Waste to Energy”

“The future is green energy, sustainability, renewable energy”.
– Arnold Schwarzenegger

Inspired with this thought, the Department of Civil Engineering organized an expert session titled “Waste to Energy” on 1st March 2018. It was conducted by Shree Upendra Pandya, a retired officer of GEDA (Gujarat Energy Development Agency) having about 35 years of work experience.

The session focused on the renewable sources of energy primarily Biogas and how it is gaining tremendous acceptance in the contemporary society. The benefits of biogas and how it facilitates the development of a pollution free environment by combating global warming was emphasized.

Shree Pandya highlighted the fact that anaerobic digestion of undiluted human simulant excreta in simple unmixed digesters is feasible and yields biogas, which is a valuable commodity. When combined with proper hygienization of its effluent, anaerobic digestion could contribute to effective sanitation in developing countries with limited water availability, thus paving the way for a cleaner society. Coupled with the discussion,

Shree Pandya also shared his experiences of such organizations namely; BPCL (Bharat Petroleum Corporation Limited), Al Kabeer Slaughter House at Hyderabad, Sai Baba Temple at Shirdi.

Sir motivated and encouraged the students to build capacities in this sector which can also open career options in this field. Overall the session was quite enriching and informative and was an honest attempt to ponder over one of the grave issues being faced by the world.



Attentive Audience for expert session -Waste to Energy





Transforming Lives !



IGNITE - Designing Future

DigitalOcean Hackathon Ahmedabad at IGNITE

DigitalOcean Hackathon - Ahmedabad Edition was held at Ignite - SOCET Incubation Centre co-powered by Skillenza on 17th-18th February 2018. This was a 24-hour hackathon where students developed the solution in those 24 hours and presented their solution to the jury.

The hack was judged on the following parameters:

- Uniqueness and usefulness of the idea
- How complete is the application built during the hack
- Tech Architecture
- Presentation

PYTHON Programming Workshop by TinkerStore at IGNITE:

This workshop was organized to give hands-on experience on Python as well as Understanding of Industry Usage. Also usage of Python in Machine Learning and Artificial Intelligence. We had covered basics of Python, Django, and insights about the industrial aspects along with access to learning resources for a lifetime.



Scale-up Funding Program:

Phase – I of Scale-up Funding Program had been scheduled between 14th to 16th March 2018. We have received best ideas of students from each department of both the institutes. The selected ideas through this program would receive funds for startup/ project idea and as per the necessity of the idea to bloom into a functionality under Student Startup & Innovation Policy(SSIP).





Genesis Towards Professional Journey

Campus to Corporate

Students Placement

Placement for the batch of 2018 at Silver Oak Group of Institutes has observed an increased interest from several companies, with over 120 recruiters visiting the campus for placement. The relationship recruiters continued to show their faith in the outstanding abilities of the students, offering them better profiles.

There is an overwhelming increase in the number of new recruiters this placement season. Their interest in collaborating with SOGI is an indication of the diversity and robust curriculum that SOGI is built upon.

The offering of sought-after profiles, by leading companies across varied sectors, is a testimony to the erudite students possesses. From various internship programs, SOGI truly has a competitive edge in terms of industry connect. Indeed, the students of SOGI leverage these opportunities to expand the plethora of their knowledge and emerge successfully.



Anand Raval
Flu Tech



Jay Kothari
Tatvamasi



Tarun Chakravarty
e-Procurement





Showering Innovations



Mega ATV Championship 2018

"MACHETE 4.0", the All Terrain Vehicle (ATV) designed and fabricated by the students of Silver Oak Group of Institutes took part in "MEGA ATV Championship", organized by Autosports India under the scrutiny of FMSCI. It was a four-day event held at D.V.V.P. College of Engineering, Ahmednagar, Nashik from 24th February to 26th February. 92 colleges across India were participated in the event. The title sponsors for the event were Auto Sports India and Federation of Motorsport Corporation in India (FMSCI). Along with them there were many other sponsors also like; KTM, B&S, Indian Motorcycles, Polaris, CVTECH, HP and Airtel.

The whole competition was carried out in 5 different rounds named Technical Inspection, Brake Test, Drag race, Armageddon track, flat dirt race, and Endurance Test i.e. Final Race.

Team SparkX's ATV Machete 4.0 with Mega ATV Championship 2018's was one of the lightest weight and power packed ATV amongst top 5 light weight ATV of the event.



Championship February-2018. Team also declared as overall champion of the Mega ATV Championship. Along with that, suspension and Traction Test was conducted with event name Armageddon in which Machete 4.0 was ranked 2nd position in all over India. Endurance Test i.e. Final Race was having the car racing for 3 and half hour pitch dark night of much difficult track with dugs, heels, inclined slopes and sharp turns. Machete 4.0 kept happy ending of securing 1st place in Gujarat as well as in India before the checker's flag waving was done. Furthermore, team was also awarded with 3 trophies and price money of Rs. 1,30,000/- for outstanding performance in the endurance race and Suspension and Traction Test was conducted in the event named Armageddon Track.



Mega ATV Championship 2018



▲ Difficult Roads Often Lead to Beautiful Destinations



An All-Terrain Vehicle



▲ Don't wait for opportunity, Create it as the team has created.





Workshop@ Silver Oak IEEE SB

Python Workshop

Two day workshop was held at Millennium hall and 168 participants were recorded. On the first day Dr. Shyam Chawada gave the introduction about Python. He started with the basics of the Python language like basic syntax, variable types, basic operators, decision making, loops, lists, tuples, dictionary and sets. He also kept fun activities for the active learning session. He briefed the advantages and practical application of Python language and also told about its uses.

On the second day Dr. Shyam Chawada gave brief information about Python language. The main topics which were covered were user defined functions, inbuilt functions, modules, exceptions, object oriented concepts and test. On second day also there were fun activities in the session for the students to enjoy.

HOW IS PYTHON LANGUAGE MORE BENEFICIAL?

Python is a high-level, interpreted and general-purpose dynamic programming language that focuses on code readability. The syntax in Python helps the programmers to do coding in fewer steps as compared to Java or C++. The language founded in the year 1991 by the developer Guido Van Rossum has the programming easy and fun to do. The Python is widely used in bigger organizations because of its multiple programming paradigms. They usually involve imperative and object-oriented functional programming. It has a comprehensive and large standard library that has automatic memory management and dynamic features. The programmers of big companies use Python as it has created a mark for itself in the software development with characteristic features like- Interactive, Interpreted, Modular, Dynamic, Object-oriented, Portable, High level, Extensible in C++ & C





A Feather to SOGI Crown



Indo University Collaboration for Engineering Education- EPIC

Who You Are Tomorrow Begins with What you Do Today



IUCEE-EPIC

Silver Oak Group of Institutes is an official member of IUCEE EPICS. We at Silver Oak believe that it is important to look out for every learning opportunities because one moment is enough to inspire you for life.

We were fortunate enough to have Dr. William (Bill) Oakes, Director of the EPICS Program and a founding faculty member of the School of Engineering Education at Purdue University, USA at Silver Oak Campus. He was a co-recipient of the NAE's Bernard Gordon Prize for Innovation in Engineering and Technology Educating, recipient of the NSPE's Educational Excellence Award and recipient of the ASEE's Chester Carlson Award for Excellence.

He interacted with 30 faculties from 10 departments of SOCET and ASOIT followed by a motivational interaction with 150 students. It followed by the

project presentations made by our students.

The Objective of IUCEE is to improve the quality and global relevance of engineering education in India. It also aims at

- Apply disciplinary knowledge to real life problems.
- Collaborate with people from other disciplines and develop an appreciation for cross disciplinary contributions in design.
- Identify the customer requirements and community demands.
- Design the products useful for the community service.
- Provide significant service to the community while learning; gain an understanding of the role that engineering (and their discipline) can play in society.





Magnificent Minds

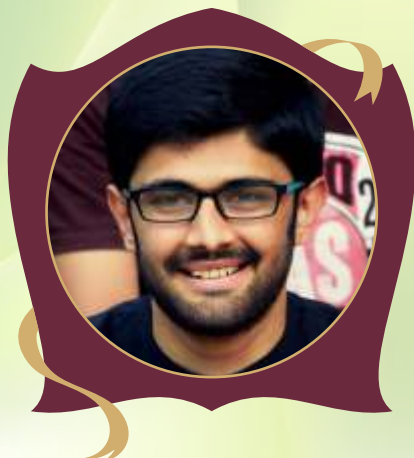


Faculty Achievements



Mr. Sandip B Takwani, faculty of Department of Electrical Engineering at Aditya Silver Oak Institute of Technology attended a 5 day MNRE-NISE-USAID sponsored entrepreneurship development program on residential solar PV rooftop system by GERMI at Nasik, Maharashtra.

We have another feather in our hat! As **Karishma K. Raval** Maths Faculty from Science and Humanities Department, SOCET has published research paper titled "Some Graph in Context of Product Cordial Labeling" in journal 'MATHEMATICS TODAY' with ISSN no.:- 0976-3228.



Mr. Raag Vora (Assistant Incubation Manager) had successfully completed the program held at ICECD campus from 19th February to 3rd March 2018.





Faculty Achievements



Mr. Kalp Bhatt (Incubation Manager) and Mr. Raag Vora (Assistant Incubation Manager) had successfully completed the program held at ICECD campus from 19th February to 3rd March 2018.

Mr. Kalp Bhatt, Incubation Manager represented IGNITE as a panelist at Empresario Startup Summit. Empresario Startup Summit is the annual flagship event organized by Entrepreneurship Development Institute of India, Gandhinagar. It is an exclusive platform for Startups, new age Entrepreneurs, Industry Mentors, Investors and the Student Community to come up at one place, share their entrepreneurial endeavors and experiences, gain amazing new insights, and pledge to become an invaluable part of the ever flourishing startup ecosystem in India.



Prof. Nikita S. Patel of General Department, ASOIT, presented a paper on "Comparison of Euclidean and Non- Euclidean Geometry" which was published in IOSR Journal on 27th of February 2018.



Prof. Vimal Nayak, EC Department has published a paper titled "Hybrid Approach for Feature Extraction of Lung Cancer Detection" at 2nd International Conference on Inventive Communication and Computational Technologies (ICICCT'18) scheduled on 20-21 April 2018.



Tour De Force



Student's Achievements



Kirtan Solanki, a student of Civil Engineering has successfully completed his AIESEC Leadership Development Experience through a Global Volunteer opportunity tackling the Sustainable Development Goal Decent Work and Economic Growth on 15th February 2018 at Egypt.



Parv Pundrik Kumar Shukla of Mechanical Branch, 6th sem, class E played in Gujarat Cricket Association (GCA) from Socet.



Ruchita Vani (Final Year PG-EC Department) presented a research paper titled "CBIR using SVM, Genetic algorithm, Neural Network, Fuzzy Logic, Neuro-fuzzy technique: A survey" (under the guidance of Prof. Tithi Vyas & Prof. Nikunj Tahilramani) at International Conference on Communication, Computing & Internet of Things (IC3IoT'18), technically sponsored by IEEE Madras Section and IEEE Communications Society, Chennai (15-17 February 2018).





Reunion



Alumni Meet



As students we have certain dreams and plans for the future. We then embark on the career course. But it's great to be in touch with the place where you laid the foundation of your dreams. An Alumni Meet is just that. SOCET hosted Alumni Meet 2018 on 24/02/2018, Saturday. 400+ Alumni from all the passed out batches participated in the meet. Every one enjoyed meeting their batch mates after a long time. It was wonderful to see old friends after long time and foster new ties as well. We would certainly want your continued and valued association with our esteemed institute





SILVER OAK

Education to Innovation

SILVER OAK COLLEGE OF ENGINEERING & TECHNOLOGY

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