



THE SILVER OAK TIMES

Education to Innovation



Beyond providing a sound education, we wish to provide our students a holistic learning experience for life. Our aim is to teach students to LEARN, not just STUDY. We have realized that the future is abstract and unknown but the youth in our hands are real and can be moulded.

We congratulate all students who showed faith in our college and joined our institute to shape their future. In this month we have organised an orientation program-Connect 2019. The main motive of this program is to connect students with college environment, academics and most importantly latest engineering curriculum. The knowledge that the students will gain, the fine qualities that they will imbibe and the technical skills that they will learn to apply will be their major contribution to their parents, to society, and to the nation.





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PRARAMBH – 2019

“PROBLEM-SOLVING IS ESSENTIAL TO ENGINEERING. ENGINEERS ARE CONSTANTLY ON THE LOOKOUT FOR A BETTER WAY TO DO THINGS. “

To make the newly admitted engineering students aware of their responsibility as an engineer and hence the importance of skill development, Silver Oak Group of Institutes organized PRARAMBH-2019, a Pre-Engineering introductory sessions in Mathematics and English and STEM based activities for newly admitted students during 3rd June, 2019 to 12th July, 2019



The objective of “PRARAMBH 2019” was to indulge newly admitted students into activities which orient them towards engineering. As engineering is a professional course which is fully conducted in English, this pre-engineering course aimed to act as a practice for the new entrants with an objective to provide them adequate practice in the English language. It also aimed at making the students practice the basics of mathematics which would cultivate the interest in the subject. The students gained the knowledge and the confidence needed to take on bigger challenges as future engineers of this country. The most attractive part of PRARAMBH was various STEM based hands-on activities where students applied the scientific principles. Such activities were Glide-o-mania, Fun with Controller, Nest where you Rest, Water Rocketry, Apple Byte and Battleship. Prarambh was highly participatory and interactive. Students had fruitful interaction and good bondage with faculty members as well as their seniors who worked as volunteers.

Four rounds of PRARAMBH were held and more than 350 students benefited through this program.





CONNECT-2019

This month Silver Oak Group of Institutes organised Connect-2019, an orientation programme welcoming our newly admitted first year students. Connect is a program where students get connected to new life, new college, new faculties, and new environment. We are proud to welcome future engineers in our SOGI

family. The orientation programme commenced on 25th July 2019 and continued for five days.

The key objectives underlying the orientation programme were: 1) introducing students to college life, 2) acclimating students to their new surroundings, and 3) providing an opportunity for the college to meet its newest members.





During the five day programme the students were briefed about the various clubs working in the college and their activities. They also got information about the various extra-curricular and philanthropic activities open for the students in the Institute.

Besides this, they attended eye opening sessions conducted by experts on various themes such as thinking like an engineer, managing stress, anger, and other emotions, learning about technological innovation and disaster, transferring innovative ideas to market place and become industry ready. These sessions proved insightful for our students.

Together with this the students also indulged in a number of learning activities so as to understand both the theoretical and practical aspects of engineering.

Throughout of this orientation program students learnt many things which will be helpful in their career as well as life. Feedback given by students was amazing. They thoroughly enjoyed all the sessions.

Overall it was a great learning experience for the students and paved the way for a smoother transition into college life.



TECH CHALLENGE @ RED HAT ACADEMY SOGI

In collaboration with Electromech, Red Hat Academy (RHA) of SOGI hosted and organized the Final Round of “Red Hat- Tech Challenge” that involved Kahoot quiz round. A set of 50 questions were there related to Red Hat Enterprise. Students from different RHA (RHA Charusat, RHA VPMP,

RHA GUITUNS, RHA Ganpat) among Gujarat participated in this quiz. At the end, the winners were awarded with Kindle as winning price from Red Hat and all participants were presented with goodies as well





OGYATRA @ORACLE ACADEMY SOGI

With Oracle Academy SOGI established in our premises, more than 25 Silver Oak students and faculties were nominated by Prof. Satvik Khara (Convener & Founder member of Oracle Academy SOGI) to attend the OGYatra organised by All India Oracle Users Group (AIOUG) where Oracle Community Manager, All India Oracle User Group

Co-Founder and International Oracle Speakers from Australia, New Zealand, United Kingdom, United States of America delivered interactive sessions on Machine Learning, Oracle Cloud, Database, Docker, Kubernetes and many more services provided by Oracle.



The group of inquisitive students interacted and networked with all the speakers and delegates who benefited them to learn better about the recent technologies and get connected to the industry





EXPERT LECTURE ON DATA STRUCTURE

Active learning with teaching aids makes a perfect environment for learning. As a part of Lecture Series on Data Structure (Applied), Prof. Satvik Khara (Head of the Computer Engineering Department & GTU Coordinator, SOCET) conducted an ABL & OBE based interactive

session on Data Structure: Journey from Basics to Applications, for the students of SOCET-CE Sem 3. More than 85 students were actively involved in the session and their interactive participation made the entire session fruitful.





LINKAGE: ACADEMIA TO CORPORATE

TRAINING ON PYTHON AND DJANGO FRAMEWORK

Hands on Training on Python and Django Framework

“Tell me and I forget, teach me and I may remember, involve me and I learn”

-Benjamin Franklin



White Oak Club is a technical club managed by Silver Oak Group of Institutes (SOGI) with an aim of teaching innovation of programming technologies through industrial interface and expert sessions. Information and Technology Department conducted the said session on 13th-14th July 2019. The whole session was conducted by Mr. Vijay Prajapati, CEO, HNTechno on the company premises.

The purpose of this training was to acquaint the 5th semester students (CE/IT branches of SOGI) about the basics of Python and Django framework. The outcome of the training was basic understanding of Python language, working of Django framework and how to install Django.

ISRO VISIT

As a part of curriculum, Electronics & Communication Department had arranged a visit at Vikram Sarabhai Space Exhibition (VSSE) Space Applications Centre in the month of July 2019 for the students of 5th and 7th semester.

The purpose of this visit was to make the students familiar about the benefits of space technology by developing systems which can enable and assist environment friendly and socially equitable development. The visit included various departments as:





- 3D TV without spectacles
- Augmented Reality
- Virtual Presenter
- 3D Theatre
- GSLV Animation

• Quiz section

There were 40 students along with two faculty members Prof. Purva Joshi and Prof. Rachna Gajjar who visited the centre.

INDUSTRIAL VISIT TO BABA FERROCAST

Department of Mechanical Engineering of Silver Oak College of Engineering and Technology, had arranged an industrial visit at Baba Ferrocast in the month of July for 5th semester students. Baba Ferrocast is a major manufacturer of various

industrial and agriculture products; cultivator brackets, seed drill, gear parts, rotavator clamp, agriculture valves, trailer brakes etc. The plant visited is located at Kathavada GIDC, Ahmedabad. Students also got opportunity, thanks to company





officials, to visit another industry viz. Metal Tech Engineering nearby BABA Ferrocast. Students learnt the concepts of casting of various materials such as C.I., S.G.I, M.S. graded castings. Also, they

were briefed of different manufacturing processes for agriculture machinery, drip irrigation parts and many more.

EXPERT SESSION ON PRE-CAST INFRASTRUCTURE

Civil Engineering Department of Aditya Silver Oak Institute of Technology has organized an Expert Session on Precast Infrastructure by Mr. Hemal Doshi in July 2019. He is from FUJI Silvertch Pvt. Ltd. The session enabled the students to enhance their practical knowledge in field work as per

the advanced technology and also understand the existing problems arising in open scenario. Students gained knowledge regarding the pre-cast concrete material and how to use it in construction of drainage system on the road as well as different projects in civil engineering.





TOGETHER WE CREATE AND PROSPER

VIRTUAL BAJA 2019



SAE BAJA is considered as one of the premier events organized in India every year. Virtual BAJA 2019 event is the first step of the whole competition which was organized at Chitkara University at Chandigarh in July 2019. Team

SparkX of Silver Oak College of Engineering and Technology represented ATV design successfully and stood 1st among all the engineering college of Gujarat.



SALUTING THE CHANDRAYAAN MISSION

India has successfully launched the Chandrayaan-2 mission on July 22, 2019. The mission has sent an orbiter, lander- 'Vikram' and Rover- 'Pragyan' to explore the moon's south pole. Chandrayaan-2's Vikram lander is expected to land around 6th September 2019. We, SOGI family, congratulate the Indian scientists team from ISRO on the launch of Chandrayaan-2, India's second mission to Moon. This achievement has proved the strength and potential of our Indian scientists.

On celebrating the giant success by ISRO and to

give more information to the faculty fraternity, SOGI had arranged a session on 24th July 2019 to brief about the entire Chandrayaan-2 mission. Prof.Sathish.D from Department of Aeronautical Engineering and Prof.Zalak Shah from General Department had given a briefing about the mission to our faculty members.

We really feel proud to be an Indian and heartily congratulate the entire ISRO team for their noteworthy achievement and wish them success in their future endeavors

HANDS ON TRAINING

One Day Workshop on " CST Studio Suite 2019 - 3D EMI/ EMC simulation software and antenna designing" with SI/PI by Dassault Systems was organized on 26th June, 2019 in association with

Jyoti Electronics, country representative for CST Microwave software for 3D EMI/ EMC simulation software, the best tool in the market for EMI/EMC, SI/PI and RF components design and analysis.





GUIDING LIGHT TO OUR STUDENTS

SEMINAR ON NDT



A seminar on “NDT: Industrial Applications, Scope & Career Opportunities” was organized in the month of July by Department of Mechanical Engineering, Silver Oak College of Engineering & Technology. The prime focus of the seminar was to create awareness about the career opportunities in the field of Non-Destructive Testing and Inspection for our final year mechanical engineering students. The session was conducted by the expert Mr. Yatin D. Raval from UltraTech NDT. It was attended by more than 100 students at SOGI campus. Students got insight into the basic principles of various NDT techniques, its importance and various applications. They were also informed about different certification courses for NDT which are well recognized by industries



MAKING EFFICACIOUS PROJECTS

A session on “How to Do Effective Project/PBL” was organized by NEEM Tree club of Chemical Engineering Department, Aditya Silver Oak Institute of Technology on 15th July, 2019. As

we all are aware of the importance of final-year project and mini-projects in engineering field, it is necessary to create awareness among the students regarding the same. The project can be



considered as a Problem Based Learning (PBL) where students need to apply and integrate their knowledge and skills to solve an academic task. The bridge between the theoretical aspects and real world is project based learning. Mini projects for engineering students gives an edge over the race of recruitment to work hard to ensure a good career. The session started with a brief introduction regarding the selection of topic by Mr. Mohammad Imran. He discussed the significance of project, difficulties faced by the students in the selection of an appropriate topic and the strategy to resolve those difficulties. It was followed by explanation of importance and strategy of literature review by Mr. Vijay Singh. Then, the students were given hands-on training for review of literature by considering a specific example. The session was continued further by Mr. Mohammad Imran who explained the students the methodology for finding research gap and planning of experiments. The interpretation of results and characterization techniques were explained by Mr. Vijay Singh. The students then raised their queries which were resolved by the faculties of the department. Mrs. Niharika Mehta, HOD Chemical Engineering Department briefed about the timeline that students need to follow throughout the semester. The session was attended by all the faculties of Chemical Engineering Department.





EXPERT TALK ON CAREER AWARENESS

“Choose a job you love, and you will never have to work a day in your life.” —Confucius

Department of Civil Engineering, Silver Oak College of Engineering and Technology organized an Expert Talk on Career Awareness for Final Year students was organized on 08 July 2019 by Mr. Kartikey Tiwari (Environmental Safeguard Specialist, WAPCOS Ltd, Bhopal, M.P.)

The main objective of this session was what to select after B.Tech/B.E. Mr. Tiwari briefly discussed about the different opportunities available after B.Tech/B.E. for a Civil Engineer.

According to Mr. Tiwari, career is an occupation undertaken for a significant period of a person's life and with opportunities for progress. While employees in some cultures and economies stay with one job during their career, there is an increasing trend to employees changing jobs more frequently. There was a time when not much attention was given to where the interest or the competence of the individual lay. However, in the present times, as the Indian economy and the job market in the country is gradually opening up, parents and their wards are becoming aware of a more

diverse set of career choices. Role models in sports and other offbeat careers have begun to emerge.

The students benefited from the session where they got awareness of myriad opportunities they are subjected to after completion of their studies





CODE-A-THON



As inception of Student Developer Community, HackerEarth presented a Programming Challenge with Facebook Developer Circles in association with Department of Computer Engineering, SOCET and IEEE Student Branch - SOCET on July 9, 2019 for all those enthusiastic developers who want

to learn and develop their skills which can bring change to the world. All the participants enjoyed the talk of Mr. Daxeel Soni, Facebook Developer Circles Lead and were also gifted Facebook Swags and Certificates.



FACULTY ACHIEVEMENT



Dr. Chintan Kishorbhai Vaghela, Assistant Professor (English) of General Department published a research paper in the International Journal 'Global Journal for Research Analysis' titled "THE IMPACT OF FLIPPED LEARNING FOR THE BETTERMENT OF HIGHER EDUCATION". The research paper deals with a type of blended learning that reverses the traditional learning environment and how it affects higher education. Congratulations Sir!!





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