



# The **SILVER OAK** Times

## Education to Innovation

### I N D E X

Sr. No.	Subject	Page No.
1.	Ras Rasiya	01
2.	Outcome Based Learning IEEE-SOGI. SB Poster Presentation	04 04 05
3.	Incubation @ SOGI Ignite	06 06
4.	Social Initiative @ SOGI Go Freen Movement	07 07
5.	Placement @ SOGI Placement	08 09
6.	Education To Innovation Expert Talk Work shop	10 10 11
7.	Linkage Academia to Corporate Industrial visit	12 13-15
8.	Research @ SOGI Faculty Achievement	16
9.	Studenst Achievemnt Studenst Achievemnt	17
10	Life @ De Campus Zumba Dance	18

## Ya Devi Sarvo Bhuteshu Shakti Rupen Samsthita Namastasyai Namastasyai Namastasyai Namoma Namaha



Navratri is one of the biggest festival celebrated all over the country with traditional dances. It is a celebration of the 9 avatars of Goddess Durga. Silver Oak Group of Institutes has maintained a tradition since its inception to worship Goddess Durga by organizing Navaratri Mahotsav named Raas Rasiya. Its a mega event which is looked forward eagerly by the Silver Oak Family members and people from outside the Institute too. This year too the Raas Rasiya 2017 was organised on 23th and 24th of September at Mangalya Vatika Party Plot at Sola. The

Navratri night was made mesmerizing by the orchestra Shyamal-Saumil Munshi Group. The chief guests for the event were Geoff Wain ( British Deputy High Commission and Ms. Anju Sharma (IAS).

The event witnessed a footfall of 7000+. The visitors from foreign lands were spellbound by the enthusiasm and energy of the participants. 120+ students had participated in the Garba competition. Winners in various categories were awarded prizes worth more than 2 lakhs.



# Navaratri Mahotsav Raas Rasiya





## From The Chairman's Desk



**Dear all,**

“Navratri” is a joyous way of worshipping Goddess Durga. Each one of us stay awake the whole night during the nine days of Navratri and play dandiya and garba. In spite of playing garba, our students do not miss out their studies and remain active which is showcased in present issue. With the celebration for Navratri let us also celebrate our third issue of Silver oak Times.

Like many of you, we began this semester with some ambitious agenda items, such as developing supportive networks of faculty, engaging departments to make improvements in teaching and advising, and refining our recruitment efforts to ensure that we can compete with talents from diverse backgrounds. The achievements of our faculty, staff, and students so far, have continually demonstrated the importance and versatility of the knowledge we create and impart in technical sciences through the current issue of Silver Oak Times.

I wish you an enjoyable and productive, but also restful, Navratri.

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





# Out Come Based Learning

## IEEE SOCET SB Session on LinkedIn & Microsoft Partner Program



The session on "LinkedIn and Microsoft Partner Program" was organized by IEEE SOCET SB with a view to give learning in regards to the significance of LinkedIn in proficient life and how might you apply for the Microsoft Partner Program.

The session was hosted by the Kartik Thakkar, Representative from Microsoft Partner Program and student of the 3rd semester, CE Dept., SOCET.

He concluded the session with the detailed description of the process for selection for Microsoft Partner Program and how it can be useful for the students. He also addressed benefits of this program in student life as well as in professional life.

Milap Bhandari, Chair of IEEE SOCET SB gave the vote of thanks discourse and said thanks to Kartik Thakkar for this fruitful session.





## Model Making Activity

An activity was conducted for The students of 5th semester Chemical Engineering by Prof. Niharika Mehta, Model Making of Agitator. The activity helped the students to understand working of agitators by making models of the same. And To gain confidence by giving presentation.



Photos of presentation given by students after making models

## Poster Presentation

Prof. Jalpa Shah well thought out a poster presentation activity for 7th semester CE students to help the students achieve mastery of core concepts in Compiler. The various groups of students prepared the posters on the said topic and presented them in front of the class.





# Incubation @ SOGI



## The IGNITE E-CELL

IE-Cell conducted an introductory session for Students where insights about "How to Support a Start-Up by providing the Essential Facilities"

"How the Incubation and Accelerator Program Works" and provided details about the structure & goals of E-CELL,

IE-Cell of SOGI is looking for students who would like to undergo training for the following departments:

- Event Management,
- Human Resource Management,
- Web Development,
- Marketing,
- Finance.

Moreover, an interesting activity was also conducted after the session for the students in which they were asked to provide an innovative and unique solution of a problem and also have to explain their idea in front of the team members.





# Social Initiative @ SOGI

## Go Green Movement



SOGI has always been a torch bearer when it comes to making our youth socially responsible. SEED, the students' organisation of Silver Oak made an initiative to make our city greener and a healthier place to live in by starting the GO GREEN MOVEMENT on 17th July, 2017.

The movement mainly focused on spreading awareness of plantation on demand facility provided by AMC SEVA App (park and garden development department). The source of spreading awareness of AMC Seva application across the city was planned to be done through word of mouth. SEEDlings of SEED communicated with the college students and faculties, school children and teachers and people at various crowded spots of the city via booths.

The event was planned in a phased manner;

Firstly Mr. Jignesh Patel (Director of park and garden development department) interacted with our coordinators and volunteers team to reflect a clear idea of the working of AMC Seva application. In the second phase the event was inaugurated by our Chief Guest Mr. C L Solanki (P.I.) and Mr. Rakesh Kumar (A.S.I) who framed his thoughts supporting nature and motivated us to implement our vision with a greater pace. The inauguration was then followed by well planned sequence of events described below;



3. Dr. Rita Sharma, the guiding mentor and team SEED planted saplings in college garden area as the first step to make huge number of trees planted across the city.

4. SEEDlings conducted a big tour around the BRTs campus .It included their depots as well as their main office. The team managed to register



approx 300 plants and also created awareness about the AMC application into their staff.



5. AWARENESS BOOTHS were setup ACROSS AHMEDABAD. Ahmedabad's maximum garden areas were covered for the awareness booth setup targeting major crowd of the city with

permission

6. The volunteers of the movement visited various schools of Ahmedabad to motivate the future youths for being a helping pillar in GO GREEN MOVEMENT. Firstly our volunteers talked to the respective school authorities and then they communicated with students asking them to spread awareness about AMC Seva Application.



7. Booths were set up in the campus in order to spread more knowledge regarding our movement so that students can understand it in a better way the purpose of the GO GREEN MOVEMENT

and provide us with their maximum participation.

8. The last phase was for the verification. As the day was conclusion day of the movement, verification (no. of plantation done by individual person) desk was set up.





# Placement @ SOGI

Placement has always been at zenith for the SOGI- Silver Oak Group of Institutes. We take every effort to ensure the smooth learning of our students, which enhances the employability factor. It's our endeavor to bring the best opportunities at the doorstep of our colleges, ensuring global recruitment for our students. The credibility of the institute has been ascending with the successful placements every year.

The journey at placements has been exhilarating at SOGI. The edifice of placement lies in the myriad opportunities created at every step for students. We have a large pool of alumni working with high reputed organizations like Infosys, TCS, Coca Cola, L&T, Reliance Jio, Tech Mahindra and many more. The industry sentiment has been a positive one, which boosted our confidence year on year. It is a testimony of our strong presence and reputed amongst the industry.

Training and Placement Cell truly understands the requirements of our students' employability factor and therefore we have an in-house Training Cell wherein we have a strong team of experienced Corporate Trainers. We also have a CRT- Campus Recruitment Training Club, especially for the final year students. Language learning, Aptitude Practice, Soft Skills Sessions, Mock Drives are a regular phenomenon of our CRT Club.



Aditya Shah



Anandu



Dilpreet



Harsh Patel



Nehal Patel



Shubhang Shah



Tarang Mehta



Vraj Trivedi



Dip Patel



Sanket Lakhani



Uttam Purohit



Sudhanshu Prakash





# Placement



Foram Shah



Harsh Shah



Hitanshi Jani



Maitri Patel



Pooja Shukla



Ashesh Parmar



Dhaval Nagar



Shalin Chokshi



Nrupen Chaudhary



Himil Jani



Krupali Jogi



Harsh Somaiya





# Education to Innovation

## IEEE SOCET SB

### Expert Talk by Prof. M.T.Savaliya

### On “How to bring Innovation in Final Year Project work”

An Expert talk was organized by the IEEE SOCET SB with a view to bring innovation in final year project work. Students of Silver Oak Group of Institutes actively attended this inspirational session of the future project.

The session was started by Milap Bhandari, IEEE SOCET SB Chair with the introduction with his speech including benefits of innovation and creativity in final year project work. Then he introduced Prof. M.T.Savaliya sir who is Head of Computer Department, VGEC, Chandkheda. Prof. M.T.Savaliya is also the well-known author of many books a committee member of GTU Syllabus Committee.

Prof. M.T.Savaliya started the session with the small prayer. He gave introduction regarding the title of the expert session that is “How to bring Innovation in Final Year Project Work”. He explained the importance of creativity in the project work. He also added how we can convert our real-life problems into innovation. He gave examples of some innovative projects on the real world problems. He also addressed to the students who can do those project under their Design Engineering Project Work.

Prof. M.T.Savaliya gave the example of simple mobile which comprises many engineering lines like Computer, IT, EC, Electrical, Plastic, Material, Rubber Engineering etc. and briefed students about the innovation of the electrical valona which is used to make buttermilk in rural areas as well as villages.

#### How to bring creativity in the project work?

Firstly, he introduced what is creativity with the example of the farmer who uses some farm equipment which was originally found years ago by one of them and not the well-known scientists. Then he added how to bring creativity in project work by discussing student’s projects. He gave some best solutions to the students who were facing problems in their project work.

He also enlightened regarding incubation center which is maintained by him in his college and told students to join some incubation centers like that and also motivated students to come up with some innovative start-ups. Those start-ups which can help to solve real-world problems or overcome problems of existing systems.





## Workshop Conducted on “LATEX”

CE/IT Department, Silver Oak College of Engineering and Technology had organized Workshop on “LATEX” for Post Graduate Students of CE/IT Department. There were three expert sessions by Dr. Devang Pandya, Prof. Nisha Khurana and Prof. Ritika Lohiya.

CE/IT department of Silver Oak College of Engineering and Technology, had organized a One day Workshop on “LaTeX” for post graduate students. The program served as a highly intense and rigorous training for the participants on LaTeX, the de- facto standard for the

publication and communication of technical & scientific documents. It explored the in and outs of the fine-quality typesetting system, especially the features designed for the production of conference and journal papers in formal linguistics, with focus on computational linguistics, syntax and semantics. The Workshop followed a Do-It-Yourself (DIY) approach to impart hands-on experience right from the installation to confident and efficient use of LaTeX for documenting technical and scientific literatures. The participants expressed that the program proved to be of immense use to all of them, who are ought to prepare technical documentation like reports, thesis, manuscripts, journal and conference publications etc.

## Workshop on Application writing

"Writing is an exploration. You start from nothing & learn as you go." This is exactly applicable for the Application Letter Writing Session, which was conducted on 9th September, 2017, Saturday by Prof. Nirali Rajguru. More than 30 students of Electrical Department of Aditya Silver Oak Institute of Technology enthusiastically participated in the session. Students were taught about how to write application letter that is extremely useful for their day to day life. The students gave very positive feedback about the learning they got.





# Linkage Academia to Corporate

## INDUSTRIAL VISITS



### Harsha Engineers, Ahmedabad

Industrial visits provide a platform to relate theoretical learning and practical training in a real life environment. It also acts as a value- added learning method for Engineering students. Concerning to this, 40 students of 7th semester provided with industrial interaction in the form of visit organized by Prof. Karan Dutt of Mechanical Engineering Department, ASOIT, on 16th September at Harsha Engineers, Ahmedabad, accompanied by Prof. Bhoomi Naik. Harsh Engineers- A TPM certified precision engineering company and a leading manufacturer of variety of bearings and stamped

### Amul Fed Dairy, Gandhinagar

Industrial visits broaden the outlook of students and bring to them awareness about industrial practices and regulations. For providing a space for active learning experience outside classrooms, for 65 students of 5th semester on 18th September by Prof. Kapil Kaira and Prof. Jay Khatri of Mechanical Engineering Department, ASOIT, arranged a visit for 5th semester students at Amul Fed Dairy, Gandhinagar, a functional unit of Amul, leading Dairy Industry of India. This provided an idea to the students about the class





## Adani Port at Mundra

As a part of curriculum, Electronics & Communication Department had arranged an industrial visit at Adani Port (Mundra Port), Adani Wilmar, Adani Power, Kutch on 15th September & 16th September, 2017.

The purpose of this visit was to gain insight into large scale business activities carried out at these sites. The major objective behind such visit is to encourage students in developing an interest for all sorts of enterprises and dream big in life. We believe that right kind of exposure helps young minds in understanding their potential and becoming motivated to work towards their goal.



"Industrial Visit by Electronics & Communication Department at Adani Port"

## Sardar Sarovar Dam

Industrial Visit to Sardar Sarovar Dam has organised by Civil Department under the guidance of Prof. Akash Bhardwaj, Prof. Meet Pillai and Prof. Deependra Dadoria on 20th Sep. 2017. All the students of 3rd, 5th and 7th of Civil Engineering Aditya Silver Oak Institute of technology, they have seen various sectors through which various operations and managements. Students had seen various areas which are in operating condition like, 1. Main power house of dam, 2. Dam, 3. Canal power house, 4. Main reservoir, 5. Canal ponds, 6. Main irrigation canal 6. Poicha



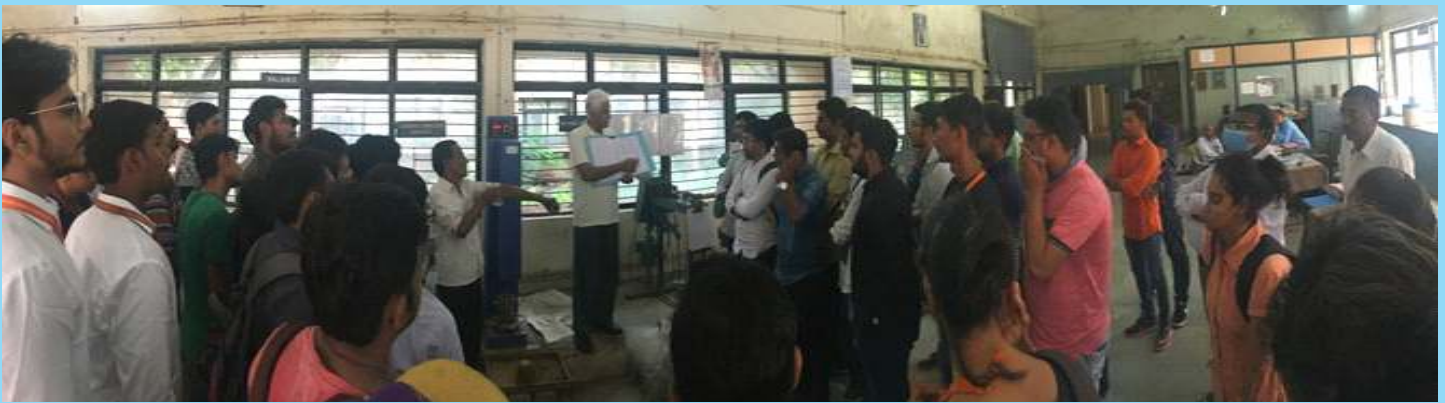


## Educational Visit for 5<sup>th</sup> & 7<sup>th</sup> Semester Students to GERI

Civil Engineers are predominantly concerned with soil and behavior of soil. During the building process they never overlook one thing that is the soil. The science of understanding soil is "Soil Mechanics. Silver Oak College of Engineering & Technology arranged a site visit on 22nd September 2017, for the students of Civil Engineering Department to Gujarat Engineering Research Institute (GERI), Gandhinagar. Lect. Amita Shah, Asst. Prof. Dhawani Shah and Asst. Prof. Madhav Bhatt from Civil Department organized the visit with 40 students of 5th and 7th semester, SO CET.

Shri D. R. Patel, Retd. Exe. Engineer & Staff of GERI, GERI

Gandhinagar detailed information of all the tests of soil mechanics conducted by GERI. Various tests were practically demonstrated by him and his staff. He took keen interest to remain present during the visit and he explained the entire test in his pleasing style giving examples of practical experiences. Due to lucid style of Shri D. R. Patel sir the students were attentive during entire session. All the students were immensely satisfied and many commented: "We never had such learning experience". It can be confidently said that this visit must have surely opened the doors for many students to pursue their future career in Soil Mechanics.



Students of Silver Oak College of Engineering & Technology taking keen interest in Soil Mechanics"



Industrial Visit to GERI, Gandhinagar





## Institute for Plasma Research, Gandhinagar

Students of 7th Sem, Mechanical Engg., had industrial visit at Institute of Plasma Research., Gandhinagar, on 26th September, 2017.

Assistant Professor ,Mohsin Bukhari & Mehul Padaliya, were accompanied by 50+ students.

IPR, G'nagar is internationally recognized for its contributions to fundamental and applied research in plasma physics and associated technologies. It has a scientific and engineering manpower of 200 with core competency in theoretical plasma physics, computer modeling, superconducting magnets and cryogenics, ultra high vacuum, pulsed power, microwave and

RF, computer-based control and data acquisition and industrial, environmental and strategic plasma applications.

During this visit students of Silver Oak College of Engineering & Technology, Gota, have learnt the future scopes for energy generation. As everyone is familiar with three state of matter i.e. Solid, Liquid & Gas, they also came to know about fourth state of matter 'Plasma'. Senior Engineer of IPR, Mr. Prameed Dutta has given a Expert talk on IPR Research work. He have discussed some of the main concept i.e. Tokamak, Plasma usage and its application as well as. After the expert seminar students have also asked their questions regarding the plasma.



The students are grateful to the PRINCIPAL (DR. SAURIN SHAH), the HOD (PROF. MIT SHAH) and all the FACULTY members who worked for making the visit successful.





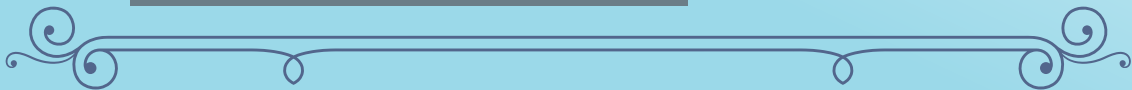
# Research @ SOGI

## Faculty Achievements



Prof. Mr. Darshak Shah from  
Mechanical Department

Mr. Darshak Shah from Mechanical Department is selected as a Review member of International Journal of Creative Research Thoughts (IJCRT) Journal Review Committee since 28 September 2017.



Prof. Nikunj Tahilramani HOD, Electronics & Communication Department, SOCET was Organizing Chair for the event NaSCoVIP-2017 held on 8-9 September, 2017 at Millenium Hall of Silver Oak College of Engineering & Technology. The event was held to enlighten everyone on Computational Intelligence.



Prof. Nikunj Tahilramani HOD,  
Electronics & Communication Department,





# Student Achievement

## APP built by student

Our 3rd semester student Chintan Rathod of class IT-B successfully built the app and its working with some bugs like "blank message send without any text".

Why he created it? To make group chat easier for small team and also small in size i.e. 8mb so uses less storage compared to huge storage of apps like whatsapp and messenger.

To study and learn how the messaging take place in an android app according to cloud base database and google authenticating.

**Technology he used to make this app are as follow:**

1. Android studio
2. Basic java
3. Firebase console

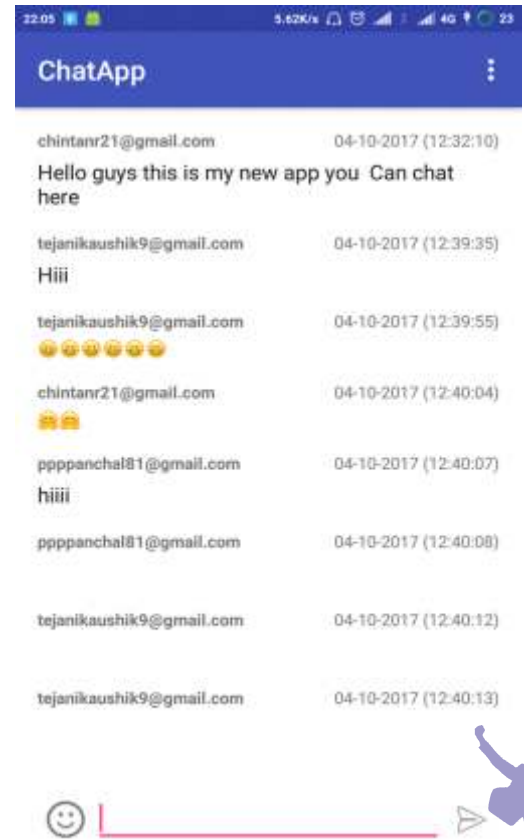
**Description of app:** The simple UI app designed to chat for one particular group of members. Only group chat can be done in this app.

He has learned how to build a simple app based on cloud database and cloud authentication. Get to know how the cloud database of chatt runs and how the users are added to the app and they got sign in into app.

**Conclusion :** Download link : placed in his google drive link is below provide:

[https://drive.google.com/file/d/0B0mbits\\_aZu3V0h2VjJIS2VGVzQ/view?usp=drivesdk](https://drive.google.com/file/d/0B0mbits_aZu3V0h2VjJIS2VGVzQ/view?usp=drivesdk)

Some screenshot of app :



Srushti Gupta



Dhruvi Bhanderi

Srushti Gupta and Dhruvi Bhanderi won gold medal in GTU Teakwondo championship held on 19th september at Khokhra sports complex and got selected for AIU championship (All India University).





# Life@De Campus

Health is the ultimate wealth and we Civil-ions proved it. That wonderful Saturday morning where-in every participant had been a vital Booster in one self had magnificently mesmerised the learning process by enthusiastically showing their Learner-centric approach in the substantially/holistically technical Event, i.e.AERO-ZUMBA Fitness Sessions held on 9/16/17, by Prof. Vihangi Trivedi.

The Students had lucratively stretched themselves out of their Comfort Zones and getting rid of their Monotonous schedule of curricular activities in form of the physical awareness of maintaining a balance and hence bridging the gap between the technical and substantial acnovas.



Hence, an ideation phase in the implementation panorama of my [Compiler] patent statement well satisfied that "Change acceptance is the Gospel of Refraining the denial mode".





**SILVER OAK**

Education to Innovation

SILVER OAK COLLEGE OF ENGINEERING & TECHNOLOGY

ADITYA SILVER OAK INSTITUTE OF TECHNOLOGY

Opp. Bhagwat Vidyapith, S.G.Highway,  
Gota, Ahmedabad-382481.

Phone: +91-79-66046304

Email: [info@socet.edu.in](mailto:info@socet.edu.in) | Web: [www.socet.edu.in](http://www.socet.edu.in)



/socet



/silveroakcollege



/socetcampus



/silveroakcollege



/socetcampus



/socetcampus



W