



# The **SILVER OAK** Times

Education to Innovation

## EXPLORE ENGINEERING

Science is about Knowing,  
Engineering is about Doing



EXPLORE ENGINEERING 2018 @ Silver Oak Group of Institutes, Ahmedabad is a very exciting & learning experience for the students. The session welcomes students from all over Gujarat who have given their 12th Science (Group-A) examinations. The aim of the this camp is to identify technical feasibility & directions regarding all the disciplines of engineering for setting the directions and path for our future engineers to think, innovate and work towards technologies that are for the betterment of human-life, society, industry and environment. The students are facilitated to visit various well equipped practical laboratories, interaction with experts of different engineering branches and technical clubs.

In the month of May we organised this camp in our campus. The event was a great success. Students showed interest towards learning basic fundamentals of engineering, hands on experience on engineering equipment, software, circuits, and robotics and found this camp informative and helpful. Apart from this our college students interacted with all explore engineering students and shared their experiences regarding college life to make them have better understanding regarding what is engineering. Students shared their views and joy in a form of feedback.



# I N D E X

Sr. No.	Heading	Page No.
01	<b>Explore Engineering</b> Science is about knowing, Engineering is about doing	01-02
02	<b>Find a Need and Feel It</b> A Seminar on Basic Guidelines on Project Selection	05
03	<b>Short Term Training Programme</b>	06
04	<b>IGNITE</b> 3D Printing & Prototyping	07-09
05	<b>Faculty Achievement</b>	10
06	<b>Students Achievement</b>	11

## Explore Engineering





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From  
The Chairman's  
Desk

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**Hello Friends,**

“Engineering is an activity, other than purely physical and manual work which brings about the utilization of the materials and laws of nature for the good of humanity”. Silver Oak Group of Institutes firmly believes this phenomena and organized “Explore Engineering Programme” for the students so that they can learn the real engineering and skill to solve the problems. The faculties of the institutions dedicated immensely to make this programme successful.

Happy Reading...

**Shital Agrawal**  
Chairman.





From  
Executive Director's  
Desk



**Dear Friends,**

Since its inception our college has always shouldered the social responsibility of imparting guidance to the aspiring engineering students by organizing ACPC awareness programs. This month we organized the ACPC camp covering 19 different cities of Gujarat for 12 science (group-A) students. I am very happy that faculties of Silver Oak Group of Institutes worked in a team and counseled them about the admission process and selecting the various disciplines. The camp was a big success and benefited the students.

Thanks

**Janak Khandwala**  
Executive Director





# Find a Need and Feel It

## A Seminar on Basic Guidelines on Project Selection



### **Curiosity is the spark behind the spark**

Silver Oak Group of Institutes, Ahmedabad has always taken unique initiative for the betterment of students. As per the GTU curriculum final year students have to carry out their projects under the title of IDP/UDP. Students work on different challenges faced by industries or society, they try to solve that challenges as a part of their project work. Mechanical Engineering Department of Aditya Silver Oak Institute of Technology had organized a seminar for 6th semester Students to provide Guidelines on Selection of Final year Project on 14th May 2018 at D-403, Newton Hall, SOGI campus, Ahmedabad and 120 students from 6th Mechanical had attended the above seminar. The purpose of this seminar is to provide the basic guidelines and to make the students understand about the difference between Industrial Define Project and User Define Project and how to select a project and how to define the objectives as well as work plan for one year for smooth conduct of project through out the year. All the mechanical Faculties had also presented their proposed projects in front of students and encourage them to take the projects which are beneficial for industries. The Seminar was organized by **Project Coordinators Prof. Karan Dutt and Prof. Jay Khatri**





# Short Term Training Programme



## Finite Element Analysis using ANSYS



Mechanical Engineering Department of Silver Oak College of Engineering & Technology organized a one-week Short Term Training Program on “Finite Element Analysis using ANSYS” from 23rd April to 27th April 2018. The STTP was jointly organized with Khodiyar CAD Center, Ahmedabad and Mr. Akshay Kale was the expert for training sessions. The STTP was held at C V Raman Hall at SOCET campus and the hands-on practice sessions on ANSYS software for the faculties were arranged with intense training of design and analysis. More than 50 faculties attended this STTP.

**The purpose of training is to tighten up the slack, toughen the body and polish the spirit**





# IGNITE

# 3D

## 3D PRINTING & PROTOTYPING

Harsh Modi, Student of Silver Oak College Of Engineering & Technology represented Silver Oak Group Of Institutes at ASME E-FEST 2018 in Old Guard Oral Presentation Competition at DELHI TECHNOLOGICAL UNIVERSITY (DTU) and won 4th prize of \$100 among 42 others. Harsh Modi represented his research work on new clavic implant design using 3D printing technology. The prototypes of 3D printing were made at Ignite - Incubator & Co-working Space which were shown to the judges to get a clear idea of the research done.



### SPLASH: AN EVENT BY ENTREPRENEURSHIP DEVELOPMENT CELL

IGNITE E-cell conducted Splash, an event for students where participants had to create a structure with given materials in proportion to water balloon size.

In this event, 26 students participated. The students were divided into 6 groups each of 4 in it. They had to buy the required materials regarding their design with provided 100 cash in tokens. Then they had to create structure in 45 mins. After which they had to present their structure as to why they choose this design to release the structure with a water balloon in it. When the structure is released from specific height with the balloon, the balloon should not burst.



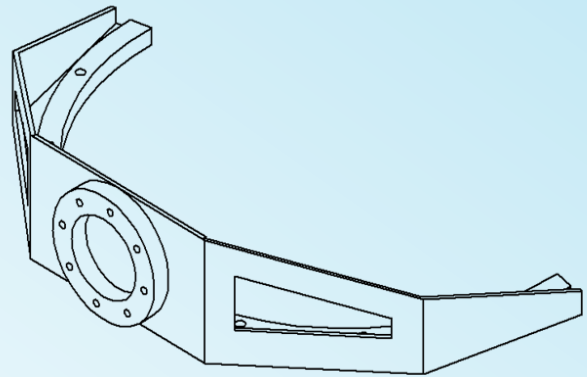


## GTU Award

On 11th May 2018, National Technology Day: Silver Oak Group of Institutes was Awarded by Gujarat Technological University for Annual Benchmarking of Student Innovation/Project and allied efforts 2018.

Award is for successfully demonstrating the capabilities and commitment to create Student Innovation & Startup Ecosystem at the Silver Oak Campus.

Mr. Kalp Bhatt, Incubation Manager at IGNITE - Incubator & Co-working Space of Silver Oak Group of Institutes received the award on behalf of entire team of Silver Oak.



## First tranche of fund given to start-ups

GUJARAT INDUSTRIAL POLICY 2015 - SCHEME FOR ASSISTANCE FOR STARTUPS

UPDATE: The Start-up founders were given the first tranche of their funds in the form of cheque from Honorable Principal Dr. Saurin Shah

### ABOUT THE STARTUPS:

1. I - AUTOMATION, student start-up by Mr. Parth Patel & Mr. Anshul Panjabi is a startup that works in the field of Industrial IOT. (Rs. 2.2 Lakh)
2. Sudaksh Technologies, a student start-up by Mr. Keval Kelawala & Mr. Markand Pathak is a startup that works in the field of Drone Aviation. (Rs. 2.03 Lakh)

## Jay Patel's Design Application Accepted at Indian Patent Office

It is a proud moment for Silver Oak College Of Engineering & Technology and IGNITE at large as under the initiative of 'ILLUMIINATE – Your Rights to Intellectual Property' our faculty member named Mr. Patel Jay (Mechanical Department) Design Application was accepted at Indian Patent Office. Design Application Name: Slewing Ring Mounting Structure. Application Number: 294047





### 3D Printing & Prototyping

On 28th March, Project Fair was held at the campus of Silver Oak Group of Institutes, where students of 8th Semester got a chance to showcase their innovative ideas in form of their Final Year Projects.

Many of the Students prepared their project model using the 3D Printer available at IGNITE to represent their Idea and Concept in a very effective way.



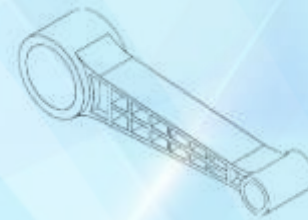
### Jalak Doshi & Jigar Dave's Design Application Accepted at Indian Patent Office

It is a proud moment for Silver Oak College Of Engineering & Technology and IGNITE at large as under the initiative of 'ILLUMIINATE – Your Rights to Intellectual Property' our faculty members named Mr. Jalak Doshi and Mr. Jigar Dave (Mechanical Department) Design Application was accepted at Indian Patent Office.

Design Application Name: I.C Engine Connecting Rod



Application Number: 294349



### Kalp Bhatt & Dhruv Patel's Design Application Accepted at Indian Patent Office

Proud moment for IGNITE - SILVER OAK at large as under the initiative of 'ILLUMIINATE – Your Rights to Intellectual Property' from Ignite; Mr. Kalp Bhatt and Mr. Dhruv Patel's Design Application was accepted at Indian Patent Office.

DESIGN APPLICATION NAME: WIPER  
APPLICATION NUMBER: 301762





# Faculty Achievement



**Prof. Kinjal Thakar (I.T Department-SOCET)** titled as “Mining Negative Association Rules in Distributed Environment” has been published under International Journal of Emerging Technology and Advanced Engineering (ISSN 2250-2459, ISO 9001:2008 Certified Journal, Volume 8, Issue 2, February 2018) in February-2018 edition.





# Students Achievement



**Jui Trivedi** a post graduate student in EC Department published a paper entitled as 'Performace Analysis of Speaker Identification System With and Without Spoofing Attack of Voice Conversion' has been selected at 2nd IEEE International Conference on Micro-Electronics and Telecommunication Engineering (ICMETE – September 2018), Ghaziabad under the guidance of Prof. Nikunj Tahilramani (HOD, EC and IEEE Signal Processing Society Chapter Secretary, Gujarat section). Conference proceedings will be published by IEEE Computer Society CPS, and submitted to IEEE Explore for inclusion and index by SCOPUS.



**First Prize in in 'science and technology for sustainable future'.**

Vikram Sarabhai Space Centre (VSSC-SAC), ISRO had arranged a competition on "Science & Technology for sustainable Future" on 16th May 2018 at their exhibition Centre. A team from Electronics & Communication Department of Silver Oak College of Engineering & Technology had participated in this competition and eventually secured the 1st place, bringing pride and glory to the whole Silver Oak Group of Institutes. This was possible through the wonderful presentation done by Team EC- Rachana Jadvani, Jui Trivedi and Hinal Modi- under the mentor-ship of Prof. Nikunj Tahilramani.





**SILVER OAK**

Education to Innovation

SILVER OAK COLLEGE OF ENGINEERING & TECHNOLOGY

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