



# THE SILVER OAK TIMES

Education to Innovation

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U n v e i l i n g

# Fronius

## Innovation and Skill Centre

Silver Oak University and Fronius India Pvt . Ltd. signed a Memorandum of Understanding ( MOU ) to set up an Innovation & Skill Centre for development in the areas of Mechanical, Electrical, Aeronautical and allied branches of Engineering in the Silver Oak University campus at Ahmedabad. The inauguration ceremony held at Silver Oak University Campus on 18th November 2022 was graced by esteemed guests like Mr. Nilesh Desai Director, Space Applications Centre ( SAC / ISRO ) Ahmedabad along with Mr. Deepak Acharya, Chief Operations Officer, INOX India; Smt. Poonam Agarwal, Vice Chairperson, Silver Oak University; Shri Janak Khandwala , Vice President , Silver Oak University; Dr. Saurin Shah, Vice - Chancellor, Silver Oak University and Dr. Pina Bhatt, Pro - Vice Chancellor, Silver Oak University along with other members of the university. Shri Nilesh Desai spoke about the boom in the welding industry and the importance of skill development centres throughout the nation in the near future. He as well as Shri Vishwanath Kamatji were impressed by Silver Oak University's student friendly management that has taken a good initiative of launching an innovation and skill centre which will promote all round development of students. Shri Deepak Acharya also noted the importance of welding and its growth in near future and congratulated Fronius and Silver Oak University for this collaboration. Shri Vishwanath Kamat appreciated the journey of Fronius India Pvt Ltd and Silver Oak University that started in March and successfully resulted in launching Fronius Innovation & Skill Centre at the campus. To mark the occasion , Shri Kamatji gifted a stainless steel plate logo of Silver Oak University soldered with steel wires, made at the Centre of Excellence at the campus.



**SHIFTING THE LIMITS**







# REVENUE MINISTER

## visit to **SILVER OAK DRONE**

### Centre Of Excellence



We were honored to have Shri Govind Singh Rajput ji , Minister of Revenue of Madhya Pradesh , at the Silver Oak University. He was warmly welcomed by Mr. Shital Agrawal, President - Silver Oak University and Mr. Janak Khandwala, Vice President - Silver Oak University and management and students . Shri Agarwal honored him with a 3D wooden car model made by the University students . Shri Rajputji was impressed by the demo of the agri drone and the excellence training centre at the University.









# ***Nigerian Group's***

## **Visit to Addictive Manufacturing Lab**

Mr. Vassily Oye Barberopoulos, Co-Owner, Nigerian Foundries Group visited the Additive Manufacturing Lab, Department of Mechanical Engineering, Silver Oak University. During his visit, he shared some insightful observations on manufacturing using 3D printing.





# A Session on Fashion Illustration

A pre winter morning at Ahmedabad on 11th November 2022, Silver Oak Institute of Design team meets an array of creative minds to train them on Fashion Illustration through hands-on session. Fashion Illustration is the art of communicating fashion ideas in a visual form that originates with illustration, drawing and painting and also known as Fashion sketching.

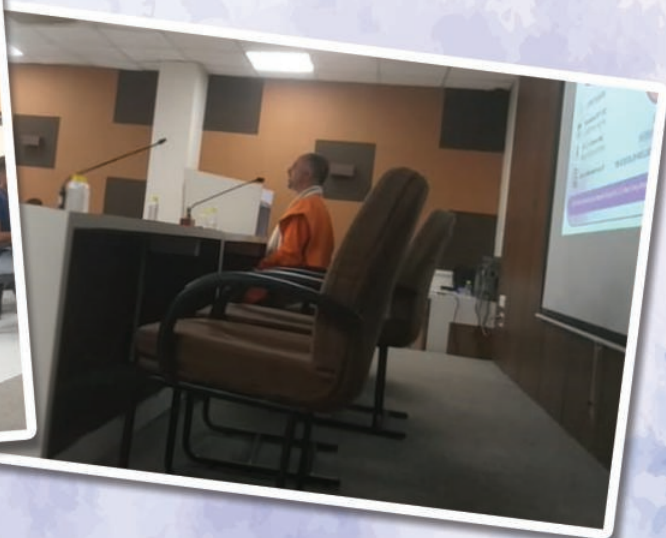
It is mainly used by fashion designers to brainstorm their ideas on paper or digitally. Almost 50 design aspirants participated in the workshop conducted by Prof. Yash Shukla and Prof. Monil Kayda.





# MIND MATTERS

Silver Oak University believes in overall 360° growth and development of its students. As a reflection to its motto, "Gyanam Param Bhushanam" meaning Knowledge is the highest virtue; SOU has organised an expert session, delivering a learning experience through process, on 24th November, 2022 for first year students on topic "Mind Matters" by SWAMI YATIDHARMANANDA, a renounced Yogi from The School of Well being Uttarkashi who is the founder of Swami Chidananda Sevashram. The Sevashram is a Socio-Spiritual Organisation dedicated to the life and teachings of Gurudev Swami Chidanandaji. More than 250 students benefited and interacted with Yogiji solving their doubts.





# Workshop on FACIAL EXPRESSION

On 6th November, 2022, Silver Oak Institute of Design faculty members conducted a workshop on "Facial expressions" for the future design aspirants of Ahmedabad. Almost 50 design aspirants participated in the workshop under the abled guidance of Prof. Neer Shah, Prof Yash Shukla and Prof. Himanshu Singh at Silver Oak Institute of Design. Facial expression is a part of Communication design which helps the students to observe the expressions of characters used for designing characters in animation or story making. The students also learned about the enhancement of thought process during this exercise which will be useful for the designers while making visual content using human characters.





# DIGITAL PAINTING

The Department of Animation and Multimedia organized a session on "Digital Painting" on 11th November 2022. Total 20 students participated in this programme. The motive of the programme was to create awareness about various tips and tricks applied to perform Digital Painting. Through this session, students learned about brush, patterns, colors and the steps of digital painting. Students learned many interesting things and may opt for digital painting as their career.





# FRESHERS

## PARTY @SOID





# A VISIT TO

# HUTHEESING

# JAIN TEMPLE

The Department of Animation and Multimedia had organized a one day visit on 26th November 2022 at Hutheesing Jain temple located in Ahmedabad. It was constructed in 1848 by the Hutheesing family. The temple blends the old Maru-Gurjara temple architecture style with new architectural elements of haveli in its design. Total 30 students participated in the visit. The purpose of this visit was to expose the students to environment drawing and live sketching. This visit was conducted by Parth Kapadia and Ajay Datta. Students learned about the architecture design of the temple and did live sketching of it at this visit.









# Visit of Design Aspirants at at **SOID**

Almost 100 design aspirants preparing for NID exam from PAN India visited Silver Oak Institute of Design on 25th and 26th November. The students had visited the Centres of Excellence with Hero and Royal Enfield, Fronius Centre of Excellence and Aviation department to understand the technology aided design tools and techniques, workshops and research facilities offered by Silver Oak Institute of Design. The faculty members of Silver Oak Institute of Design had also conducted workshops on Mud Mirror and Tie & Dye with Indigo Dye to ignite and encourage the creative instincts of future designers. The top ten designers from both the workshops were rewarded. The two days visit of the students ended with a pleasant trip to Ahmedabad riverfront in the evening. While departing from Ahmedabad, the students highly appreciated the Silver Oak Institute of Design campus and the amazing workshops they had attended in the campus.





# A Session on **THE ART OF MIND CONTROL**

Silver Oak University organized a session on "Art of Mind Control" for B.tech 1st semester students. This session was conducted by Swamiji from Hare Krishna Mandir, Bhadaj. This session was arranged for 4 days during 21st November to 24th November 2022 for various branches of engineering. It was coordinated by Prof. Dhaval Desani, Assistant Professor, General Department, Aditya Silver Oak Institute of Technology.

The event created great awareness among the students. Every day around 150 students attend this session. In his speech, Swamiji emphasized on three steps for controlling the mind. He said "Your thoughts become your words, your words become your actions, your actions become your habits, your habits become your character, your character become your destiny of life". All students enjoyed this session fully. Swamiji also interacted with the students after completion of session wherein many students discussed certain concerns with Swamiji and enhanced their knowledge.





# WORKSHOP ON DESIGN THINKING

Silver Oak Institute of Design conducted a workshop on Design Thinking for the design aspirants of Kolkata on 18th November 2022. Eminent designer and academician Prof. Shalini Tripathi represented Silver Oak Institute of Design and conducted the workshop which helped the students to learn and apply human centered techniques used for bringing problem solving approaches in design through creative and innovative ways. Almost 20 design aspirants participated in this two hour workshop in Kolkata.





# AWS COMMUNITY DAY

AWS Community Days are community-organized cloud education events, featuring technical discussions and demos led by expert AWS users and industry leaders from around the world. AWS User Group Vadodara celebrated the AWS Community Day on 5th November 2022 at GSFC University, Vadodara.

Prof. Bhumi Shah, Assistant Professor in CE Department of SOCET attended the event on behalf of AWS group, Silver Oak University. The event was well organised by the different community members under the leadership of Mr. Nilesh Vaghela, Founder at ElectroMech, AWS Community Hero, AAI, RHCI and Mrs. Dimple Vaghela.

The eminent speakers from different industries delivered a very insightful session on different start-up opportunities and many important topics. Mr. Prateek Shrivastava, Account Manager, Amazon Web Services and Mr. Varun Kumar, Sr Solutions Architect at AISPL, AWS India, gave information about start-up programs and its benefits from amazon Web services given to entrepreneurs. The i-hub start-up schemes and its benefits were informed and discussed by Mr. Dilip Chaubisa, Incubation Associate at Gujarat Student Start-up Innovation Hub (i Hub), Education Department, GoG.

Tech booths of various companies like FactoHR, Sarjen Systems, Entrivis, Megenta Connect Pvt. Ltd, Connected Smart POD, Rishabh Software, Orange Technolab Pvt. Ltd, Cloudkida and Wiser were there on the event spot.





# COUNSELLING SESSION ON DESIGN AS A CAREER

Silver Oak Institute of Design conducted a career counseling on Design as a career and a workshop on Design Thinking for the school students of Amreli on 20th November 2022. These sessions were conducted to spread awareness about Design as a career. Mr. Joyjit Sinha Roy - AGM, Marketing and Outreach at Silver Oak Institute of Design spoke about the career opportunities in Design industry and Prof. Himanshu Singh from Silver Oak Institute of Design conducted the workshop on Design thinking which helped the students to learn and apply human centered techniques used for bringing problem solving approaches in design through creative and innovative ways. Almost 200 design aspirants participated in this two hour workshop in a school at Amreli.



## GUJCOST SPONSORED STATE LEVEL WORKSHOP @SOIS

The Department of Microbiology, Silver Oak Institute of Science had successfully organized GUJCOST sponsored one day state level hands-on-workshop on "FOLDSCOPE DESIGN and APPLICATIONS" on 10th November 2022. More than 30 students from Silver Oak University and other state universities attended and learned the assembling of foldscope and its application in investigating the morphological characteristics of microorganisms, vital cells, algal structures etc. by preparing slides and observing permanent slides of cell division and microorganisms. Dr. Urja Pandya - Associate Professor at Department of Microbiology, SOIS had received this sanction grant as "Organizing Secretary" to conduct this workshop. The workshop was inaugurated by Dr. Manthan Panchal - Principal, SOIS; Dr. Rupal Shah - Head of Department, Microbiology; Dr. Prateek Shilpkar - Professor, Gujarat Vidyapith and Dr. Urja Pandya - Associate Professor and Organizing Secretary. The keynote speaker Dr. Prateek Shilpkar had delivered the lecture on the history, innovation of foldscope design and applications in the various areas for scientific study along with the practical session to teach and make the students learn and understand the assembly of foldscope, slide preparation, slide visualization and recording of data in the form of either photos as well as videos. The entire session was an interactive session and the speaker answered many queries raised by the participants. All students' feedback was collected in order to state the value and applications of foldscope in learning about a variety of biological things and their traits.





# MUD & MIRROR

## WORKSHOP

A team from Silver Oak Institute of Design conducted a "Mud Mirror" workshop at Ahmedabad on 18th November with 50 young design aspirants from a school. Mud and Mirror Work (also known as Lippan Kaam) is a traditional rural craft of Kutch, Gujarat, India. Lippan or mud-washing is done using materials locally available in the Kutch region like mixture of clay and camel dung which keeps the interiors of the houses cool. This is one of the famous heritage crafts from Gujarat used for interiors and also in fashion designing. The workshop was conducted by Prof. Neer Shah and Prof. Himanshu Singh from Silver Oak Institute of Design.





# INDUSTRIAL VISIT @ SOID



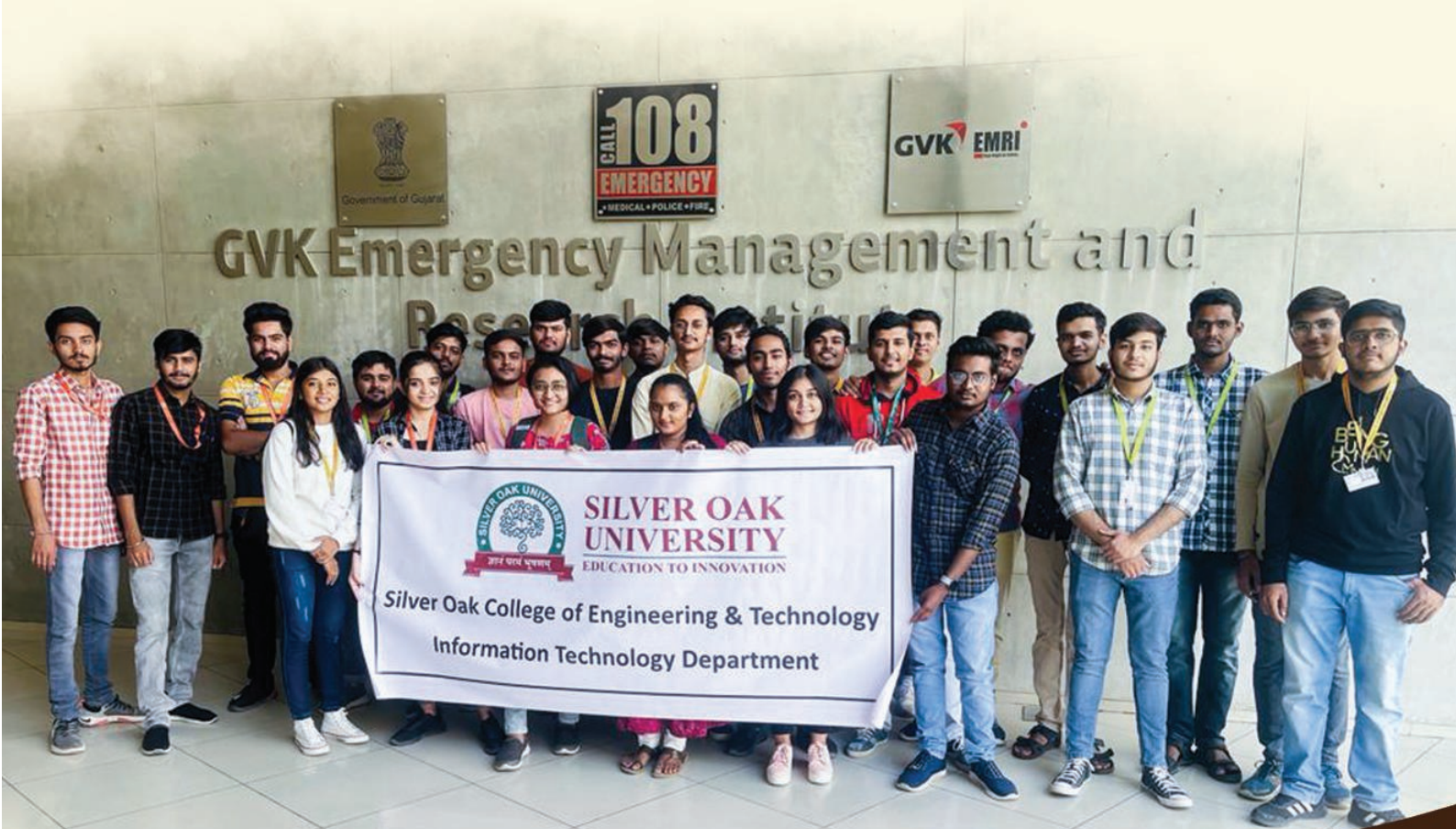
On 19 November 2022, the students of Silver Oak Institute of Design visited Jayantilal & Co. at Ahmedabad as a part of their regular industry visits to understand the material exploration process in design. During the visit, the students understood about the different qualities of stones and the manufacturing process of the stones to analyze the best usage of materials for any product manufacturing design.



# INDUSTRIAL VISIT TO 108 GVK EMRI



Department of Information Technology, SOCET, Silver Oak University organized an Industrial Visit on 17th November 2022 at 108, GVK EMRI. More than 50 students with 1 faculty member visited the campus of GVK and got the working knowledge of Emergency services. Our students learnt about helpline working operation, current numeric analysis of casualty, working of live dashboard, call handling and standard procedure to handle a casualty. They also visited the server room and understood it.





# ACTIVITIES @ ROYAL ENFIELD CENTRE OF EXCELLENCE

## SPARKX TRAINING

Royal Enfield training center has arranged basic training where students of mechanical and aeronautical engineering were trained for Team SparkX. They were taught how an engine works, how to build them and what modifications can be done to improve the performance and reliability of it. UCE engine, overall increase in performance and efficiency of engine, engine part location and their changes in dimensions and materials were explained. They were taught how to correctly adjust valve timing of UCE, working and adjustment of clutch, lubrication systems and EFI (Electronic Fuel Injection) System working on live diagrams. Also different types of brakes and suspension and their working principle hydraulic brake and Drum brake and Telescopic and USD Suspension were explained. Moreover they received complete diagnosis training of BS6 with Sensor, actuators and ECU.





# TRAINING CENTER VISIT AND OVERVIEW FOR DESIGN STUDENTS

Royal Enfield Centre of Excellence has arranged a training center visit for design students. Around 100+ students visited the Royal Enfield Training Center. Visit was handled by Mr. Harshal Mistry, where they were explained the importance of practical knowledge in today's world and how this training will help them boost their practical knowledge and concepts of automotive design. The students were shown the industry leading tech used in training facilities and how they work. They were educated about how a change in design of a vehicle can create a completely different product under the same engine type and greater riding comfort can be achieved as per the need and also how a design student can make a future into the automotive industry as a automotive designer.





# FACULTY LAURELS

## DR. DEVANSH DESAI

Dr. Devansh Desai- Head, Department of Physics, SOIS was invited to give a lightning talk at the ECOSTRESS Science Team meeting, that had worldwide participation from postdocs, fellows, scientists and other colleagues working with ECOSTRESS data, at NASA-JPL during 15th – 17th November 2022. The aim of this talk was to provide an overview on the ECOSTRESS mission, and its potential applications.

This month to his credit he also has research paper presentation titled "Sun Induced Fluorescence as stress indicator in wheat crop and its relation with key photosynthetic parameters" at Geo Smart India and ISRS/ISG National Symposium hosted by Indian Society of Remote Sensing, Hyderabad Chapter (ISRS-HC) and National Remote Sensing Centre, ISRO during 15th -17th November 2022.



## PROF. MIT PATEL

Silver Oak University feels proud to share that one of our faculty member Prof. Mit Patel has been conferred with Doctorate Degree in the field of Mechanical Engineering. He earned his Doctorate (Ph.D.) on the thesis titled "Investigation and Performance Analysis Solar desalination system for small family potable water requirement". This marks his growth in academics and adds another feather to his cap.

He has also been awarded in recognition of an outstanding contribution as an EDITOR for the book titled "Futuristic Trends in Renewable & Sustainable Energy" published on 1st November in IIP proceedings Volume 2, Book 29, 2022 with ISBN 978-93-95632-89-8 . Prof. Mit C. Patel has attended the five days online Short-Term Course on "Renewable Energy:Pathways and Technologies" organised by Department of Mechanical Engineering, NIT Uttarakhand from 31st October to 4th November, 2022.

Prof. Mit C. Patel has attended a five day online Faculty Development Program on "Thermal Science and Materials Engineering" organised by the Department of Mechanical Engineering, Srinivasa Ramanujan Institute of Technology, Ananthapuramu during 07th – 11th November 2022. Prof. Mit C. Patel has attended the One week online International FDP on "Trends and challenges in the development of Electrical vehicles and Hybrid electrical vehicles (series2)" organised by Lendi Institute of Engineering & Technology.

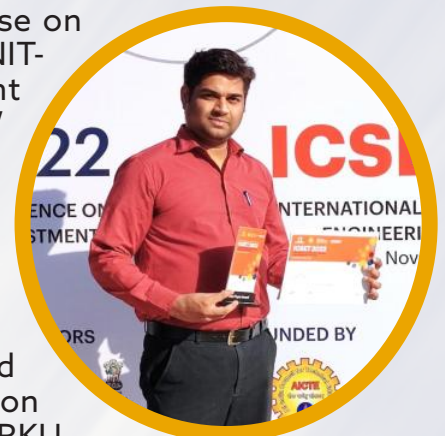




## PROF. SATHISH D

Prof. Sathish D has attended a five days online short-term course on "Renewable Energy: Pathways and Technologies" organized by NIT-Uttarakhand and attended a five day online Faculty Development Program on "Thermal Science and Materials Engineering" organized by SRIT, Andhra Pradesh.

Further, he presented a paper titled "Unburned Hydrocarbon Determination in an Annular Combustor" in the Second International Conference on Applied Sciences (ICAS-2022) organized by SSET, Kerala and also he presented a paper titled "Emission Control of a Gas Turbine Combustor: A Review" and received the "Best Paper Award" in the International Conference on Science, Engineering and Technology (ICSET 2022) organized by RKU, Rajkot.



## PROF. UTSAV YAGNIK

Prof. Utsav Yagnik, Assistant Professor in the Department of Electrical Engineering, Aditya Silver Oak Institute of Technology, Silver Oak University has successfully completed a 3 credit NITTTR COURSE on "Accreditation for Diploma Engineering Programme" through SWAYAM PLATFORM, AICTE.



## MR. DHRUV PANCHAL

Mr. Dhruv Panchal, Assistant Professor at Aeronautical department, ASOIT co-authored a research paper with Dr. V. R. Sanal Kumar, a rocket scientist and professor of aerospace engineering entitled, "In vitro prediction of the lower/upper-critical biofluid flow choking index and in vivo demonstration of flow choking in the stenosis artery of the animal with air embolism" which is published by the international flagship journal 'PHYSICS OF FLUIDS'. He has presented a research paper entitled, "Computational Studies on Unstart in Supersonic Inlet at Mach 1.8" in international conference on Science Engineering and Technology 2022 organized by RK University from 18-19 November 2022. He also delivered an expert session on 15th November on the Computational fluid dynamics (CFD) at the Amity Institute of Aerospace Engineering, Amity University Uttar Pradesh. He was invited to take a session for 3rd and 4th year students of Aerospace Engineering, Amity University. Prof. Dhruv Panchal's new research article with Prof. Saquib Reza, Dr. R. S. Tarnacha, and Dr. Basant Agrawal, entitled "Computational investigation of the effect of variable cowl length on the flow field of conical aerospike nozzles," was published on 18th November, 2022 in the International Journal of Aerospace Systems, Springer.





## PROF. MANAN PATHAK

Prof. Manan Pathak has attended a three day Train the Trainer program on "Integration of Renewable Energy with EV Charging Station" conducted by Gujarat Energy Research and Management Institute during 9th to 11th November 2022 at GERMI, Gandhinagar, Gujarat. He was also invited as an expert speaker at Gujarat Power Engineering and Research Institute (GPRI), Mehsana to deliver a talk on two topics namely "Renewable Energy and Green Building- ECBC" and "Importance of IPR for Engineering Students" on 16th November 2022.



## MR. KEVAL BHAVSAR & PROF. SWAPNIL VEGAD

Mr. Keval Bhavsar, Junior Research Fellow and Mr. Swapnil Vegad, Assistant Professor of the Department of Mechanical Engineering, Aditya Silver Oak Institute of Technology attended the launch event of SolidWorks 2023 organized by Engineering Technique, a leading seller of Dassault Systemes. The event was about the SolidWorks 2023 and 3D Experience, a cloud computing network comprising leading applications of Dassault Systemes at one location.



## MR. KEVAL BHAVSAR

Mr. Keval Bhavsar, Junior Research Fellow of the Department of Mechanical Engineering, Aditya Silver Oak Institute of Technology attended the workshop on Science Communication organized by the Gujarat Council of Science and Technology in collaboration with the Indian Institute of Science Education and Research, Pune and Gujarat Council of Science City. He also conducted a 3-days workshop on Science Communication about writing a science news article and sharing the same using different social media platforms. More than 15 students from the Department of Mechanical Engineering, Department of Aeronautical Engineering and Department of Chemical Engineering partake in it.



## PROF. RAKESH PATEL

Prof. Rakesh Patel, Assistant Professor in the Department of Electrical Engineering, Aditya Silver Oak Institute of Technology has actively participated in Article Writing Competition on the Theme of "Changing Course, Transforming Education" and secured 1st Position on the occasion of the National Education Day 2022 Celebration Awareness Campaign held from November 4th, 2022 to November 14th, 2022, organized by Ministry of Education, Institution's Innovation Council, Gulzar Group of Institutions. This theme calls for reforming the education system in India to make it more adaptable to the changing times in the future. He has completed a One Week National Level Online Faculty Development Program on "Recent Trends in Artificial Intelligence and Cyber Security" from 01-05 November 2022 organized by the department of CSE at Shri Vishnu Engineering College for Women (Autonomous), Bhimavaram. He has attended a one-day seminar on "Introduction, Advancement, and Application of Artificial Intelligence Techniques in the field of Engineering and Science" organized at Monark University, Ahmedabad on 19th November 2022, sponsored by Gujarat Council on Science and Technology.





# STUDENT ACCOLADES

Google Developers  
**Startup Bootcamp**  
University Edition



## PARAM DHAGIA AND MITUL KALSARIYA

Nothing in the world can take the place of persistence. Department of Information Technology, SO CET, SOU is glad to share another astonishing achievement of our esteemed student Param Dhagia, B.Tech IT 3rd semester SO CET and Mitul Kalsariya, B.Tech CSE-CS 3rd semester SO CET, founder of Vulfosec a cyber security Start-up got shortlisted for Google Start-up Boot camp, Mumbai.

Vulfosec was shortlisted for the Google Developers Start-up Bootcamp, University Edition 2022 which was organized in Mumbai from 21st to 23rd November 2022 amongst 1500+ start up applications across all over India. The three-day Bootcamp was separated into three main sections: Design, Technology and Business respectively. Students learned about Product Design Strategies, Design Thinking, and integrating AI/ML into our SaaS-based platform, which was a tremendous learning experience. Mentors there helped students understand the Business Tactics and approaching investors as well.

Google will continue supporting students by giving tailored support till February 2023 and will help them to grow and accelerate their Start-up at new heights. We wish them all the luck and best wishes for the brightest and shiniest future.

Google Developers  
**Startup Bootcamp**  
University Edition















Silver Oak College of Engineering and Technology  
Aditya Silver Oak Institute of Technology  
Silver Oak Institute of Management  
College of Computer Application  
Silver Oak Institute of Science  
College of Commerce  
College of Humanities and Social Science  
College of Media and Mass Communication  
College of Liberal Studies  
Silver Oak Institute of Design  
College of Animation and Multimedia  
College of Paramedical  
College of Vocational Education  
Centre for Research  
Centre for Vedic Studies

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